

APPENDIX A

The following Appendix contains the specific results for each of the CMP segments in Alameda County. The data is arranged as follows:

- P.M. Freeway Segments, Pages A-1 to A-5
- P.M. Arterial Segments, Pages A-6 to A-12
- P.M. Ramps and Special Segments, Page A-13
- A.M. Freeway Segments, Pages A-14 to A-19
- A.M. Arterial Segments, Pages A-20 to A-25
- A.M. Ramps and Special Segments, Page A-26

The complete field data study results, which show the results of each individual travel time run and other study results, are contained in a CD titled '*Technical Compendium of Travel Time Studies – 2008*', which is on file at the ACCMA.

2008 LOS Monitoring Study Results- Freeways for PM Peak Period										
CMP Route	Segment Limits	From	To	Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS "F"	2006 LOS Results	2008 LOS Results
							(Years)	Speed	LOS	Speed
1 I-80 - EB	SF County Line	Toll Plaza	Oak	1	2.06	10	06	24.2	(F30)	54.2 C
2 I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1	1.15	10	93-02,06	25.7	(F30)	28.6 (F30)
3 I-80 - EB	I-580/80 Merge	University	Emery - Berk	1	2.80	10	91-95, 97-06	17.2	(F20)	
4 I-80 - EB	I-80/I-580 (Merge)	Powell	Emery - Berk	1	0.79	10	91-95, 97-06	New segment	11.07	(F20)
5 I-80 - EB	Ashby	Ashby	Emery - Berk	1	0.67	10	91-95, 97-06	New segment	10.42	(F20)
6 I-80 - EB	University	University Central	Berk - Alb	1	2.40	10	91-92, 96-97,02,06	29.2	(F30)	25.48 (F20)
7 I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1	1.51	10	91-92, 96-97,02,06	New segment	34.2	E
8 I-80 - WB	Central	Central (on)	Berk - Alb	1	1.12	10	91-92, 96-97,02,06	New segment	26.7	(F30)
9 I-80 - WB	Jct I-580	University	Berk - Alb	1	2.48	10		31.3	E	
10 I-80 - WB	University	Jct I-580	Berk - Alb	1	0.70	10		New segment	56.4	B
11 I-80 - WB	Ashby	University	Berk - Alb	1	1.49	10		New segment	56.0	B
12 I-80 - WB	Ashby	I-580 Split	Emery - Berk	1	2.43	10	91-92, 94-06	29.3	(F30)	
13 I-80 - WB	Powell	Emery - Berk	Emery - Berk	1	1.36	10	91-92, 94-06	New segment	31.2	E
14 I-80 - WB	I-80/I-580 (Split)	I-80/I-580 (Split)	Emery - Berk	1	0.64	10	91-92, 94-06	New segment	18.6	(F20)
15 I-238 - EB	Toll Plaza	Toll Plaza	Oak	1	0.42	10	91-92, 94-06	New segment	31.5	E
16 I-238 - WB	I-580	SF County	Oak	1	1.20	10	91-93, 97-00,04,06	16.5	(F20)	40.4 E
17 I-580 - EB	I-238/Fth Off	Grove	Uninc-San L	2	2.28	6	91-92, 94-96,97,02,06	30.7	E	32.0 E
18 I-580 - EB	Grove	I-680	Unincorp	2	1.60	6	97-06	14.4	(F20)	41.7 D
19 I-580 EB	Eden Canyon	Uninc - Pleas	Uninc - Pleas	4	7.74	8		57.8	B	52.1 C
20 I-580 EB	San Ramon/ Foothill	Eden Canyon	Uninc - Pleas	4	2.17	8		58.0	B	
21 I-580 - EB	I-680	I-680	Uninc - Pleas	4	4.80	8		New segment	56.5	B
22 I-580 EB	Hopyard	Eden Canyon	Uninc - Pleas	4	0.77	8		New segment	50.3	C
23 I-580 EB	Santa Rita	San Ramon/ Foothill	Uninc - Pleas	4	2.72	8	98-'02,06	25.0	(F30)	17.7 (F20)
24 I-580 EB	El Charro	Hopyard	Pleasanton	4	0.76	8	98-'02,06	New segment	9.1	(F20)
25 I-580 EB	SR 84/Airway Blvd.	Santa Rita	Pleasanton	4	1.96	8	98-'02,06	New segment	12.7	(F20)
26 I-580 - EB	Portola	Portola	Unincorp	4	4.47	8		40.7	E	
27 I-580 - EB	1st St	1st St	El Charro	4	0.23	8		New segment	29.0	(F30)
28 I-580 - EB	I-205 (SJ Co) Off	I-205 (SJ Co) Off	Uninc-Pleasanton	4	1.24	8		New segment	50.5	C
29 I-580 - EB	Greenville	Greenville	Liv - Uninc	4	1.52	8		New segment	59.5	B
	N. Flynn	N. Flynn	Uninc	4	1.71	8		New segment	55.9	B
	Grant Line	Grant Line	Uninc	4	2.70	8		33.1	E	
								New segment	37.7	E
								New segment	31.4	E
								New segment	44.0	D

2008 LOS Monitoring Study Results- Freeways for PM Peak Period

CMP Route	Segment Limits	From	To	Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS "F"	2006 LOS Results		2008 LOS Results	
									(Years)	Speed	LOS	Speed
30 I-580 - EB	Grant Line	I-205 (SJ Co) Off	Uninc	4	1.11	8			New segment	41.1	D	
I-580 - WB	I-205 (SJ Co)	1st St	Liv - Uninc	4	10.04	8			61.0	A		
31 I-580 - WB	I-205 (SJ Co)	Grant Line	Liv - Uninc	4	0.89	8			New segment	33.5	E	
32 I-580 - WB	Grant Line	N Flynn	Liv - Uninc	4	4.56	8			New segment	63.3	A	
33 I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	4	2.34	8			New segment	63.0	A	
34 I-580 - WB	Greenville Rd	1st St	Liv - Uninc	4	2.30	8			New segment	62.7	A	
35 I-580 - WB	Portola Ave	Portola Ave	Liv	4	2.52	8			58.9	B	61.2	A
I-580 - WB	Portola Ave	Tassajara Rd	Liv-Plea	4	4.70	8			66.1	A		
36 I-580 - WB	Portola	SR 84/Airway Blvd	Liv	4	1.76	8			New segment	67.4	A	
37 I-580 - WB	SR 84/Airway Blvd	Fallon Rd/EI Charr	Liv	4	1.78	8			New segment	67.8	A	
38 I-580 - WB	Fallon Rd/EI Charr	Tassajara	Plea	4	1.16	8			New segment	61.3	A	
39 I-580 - WB	Tassajara Rd	I-680	Plea	4	2.87	8			43.9	D	63.8	A
I-580 - WB	I-680	Center	Plea - Uninc	4	8.08	8			46.8	D		
40 I-580 - WB	San Ramon Rd	Plea - Uninc	4	0.69	8				New segment	58.0	B	
41 I-580 - WB	San Ramon Rd	Eden Canyon	Plea - Uninc	4	4.75	8			New segment	63.7	A	
42 I-580 - WB	Eden Canyon	Center St	Plea - Uninc	4	2.28	8			New segment	65.4	A	
43 I-580 - WB	Center	I-360/238	Unincorp	2	1.94	8	'00		39.1	E	54.7	C
I-580 - EB	I-80	Harrison	Oak	1	2.37	8	91-92	42.5	D			
I-580 - EB	I-80	I-980	Oak	1	1.24	8	91-92		New segment	27.3	(F30)	
I-580 - EB	I-980	Harrison	Oak	1	0.95	8	91-92		39.8	E		
I-580 - EB	I-980	Harrison	SH 13 Off	1	5.09	8			New segment	41.0	D	
I-580 - EB	Harrison	Lakeshore	Oak	1	0.69	8			New segment	28.4	(F30)	
I-580 - EB	Lakeshore	Coolidge	Oak	1	2.25	8			New segment	42.3	D	
I-580 - EB	Coolidge	SH 13 Off	Oak	1	2.15	8			New segment	46.6	D	
I-580 - EB	SH 13 Off	MacArthur	Foothill	1	4.09	8			57.4	B	59.7	B
I-580 - EB	MacArthur	I-360/238	SL - Hay	2	4.33	8			59.7	B	67.0	A
I-580 - WB	I-238	Foothill/MacArthur	Oak -SL	2	4.42	8			67.7	A	70.9	A
51 I-580 - WB	I-238	Foothill/MacArthur	SH 13 Off	1	3.89	8			59.4	B	63.9	A
52 I-580 - WB	SH 13 Off	Fruitvale	Oak -SL	1	2.36	8			53.7	C	61.5	A
53 I-580 - WB	Fruitvale	Harrison	Oak	1	2.21	8			50.1	C	56.5	B
54 I-580 - WB	Harrison	SH 24 On-ramp	Oak	1	1.16	8			46.0	D	53.4	C
56 I-580 - WB	SH 24 On-ramp	I-80/580 Split	Oak	1	0.69	8	06	24.2	(F30)	56.5	B	
57 I-580 - EB	Central	I-80 Jct	Alb	1	0.77	4			38.7	E	44.6	D
I-580 - WB	I-80 Jct	Central	Alb	1	1.07	4			39.4	E	67.3	A
I-680 - NB	Scott Creek	SR 238	Fre	3	5.97	6			36.2	E		
59 I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	3	2.20	6			New segment	39.6	E	
60 I-680 - NB	Rt 262/Mission	Durham Rd	Fre	3	1.34	6			New segment	19.7	(F20)	
61 I-680 - NB	Durham Rd	Washington Blvd	Fre	3	1.54	6			New segment	26.2	(F30)	

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								(Years)	Speed	LOS	Speed	LOS	
62 I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	3	0.89	6			47.5	D	40.0	E	
I-680 - NB	SR 238	SR 84	Unincorp	3	5.13	6							
63 I-680 NB	SR 238/Mission	Vargas Rd	Unincorp	3	0.82	6		New segment		42.7	D		
64 I-680 NB	Vargas Rd	Andrade Rd	Unincorp	3	2.64	6		New segment		37.3	E		
65 I-680 NB	Andrade Rd	Calaveras	Unincorp	3	1.13	6		New segment		46.8	D		
66 I-680 NB	Calaveras	Rt.84/Vallecitos	Unincorp	3	0.30	6		New segment		60.7	A		
I-680 - NB	SR 84	Bernal Ave	Plea - Uninc	4	4.97	6			63.8	A			
67 I-680 NB	Sunol Blvd	Sunol Blvd	Plea - Uninc	4	3.45	6		New segment		64.9	A		
68 I-680 NB	Bernal Ave	Bernal Ave	Plea - Uninc	4	1.52	6		New segment		62.4	A		
I-680 - NB	Bernal Ave	I-580	Plea	4	3.23	6			61.2	A			
69 I-680 NB	Bernal Ave	Stoneridge Dr	Plea	4	2.39	6		New segment		63.0	A		
70 I-680 NB	Stoneridge Dr	I-580	Plea	4	0.84	6		New segment		64.0	A		
71 I-680 - NB	I-580	Alcosta	Dub	4	1.83	6			65.5	A	58.8	B	
72 I-680 - SB	Alcosta	I-580	Dub	4	1.84	6			62.4	A	67.2	A	
I-680 - SB	I-580	Bernal	Plea	4	3.31	6			62.7	A			
73 I-680 SB	I-580	Stoneridge Dr	Plea	4	0.76	6		New segment		59.1	B		
74 I-680 SB	Stoneridge Dr	Bernal	Plea	4	2.55	6		New segment		62.6	A		
I-680 - SB	Bernal	SR 84	Unincorp	4	5.13	6			63.5	A			
75 I-680 SB	Bernal Ave.	Sunol Blvd	Unincorp	4	1.31	6		New segment		59.3	B		
76 I-680 SB	Sunol Blvd.	SR 84	Unincorp	4	3.82	6		New segment		66.4	A		
I-680 - SB	SR 84	SR 238	Unincorp	3	4.60	6			47.3	D			
77 I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Unincorp	3	1.32	6		New segment		62.2	A		
I-680 SB	Andrade Rd	Sheridon Rd	Unincorp	3	1.39	6		New segment		60.8	A		
78 I-680 SB	Sheridon Rd	Vargas Rd	Unincorp	3	0.81	6		New segment		63.6	A		
79 I-680 SB	Vargas Rd	SR 238/Mission	Unincorp	3	1.08	6		New segment		60.3	A		
I-680 - SB	SR 238	Scott Creek	Fre	3	6.42	6			62.5	A			
80 I-680 SB	Rt 238/Mission	Washington Blvd	Fre	3	1.04	6		New segment		62.7	A		
81 I-680 - SB	Washington Blvd	Durham Rd	Fre	3	1.52	6		New segment		64.9	A		
82 I-680 - SB	Durham Rd	Rt 2262/Mission	Fre	3	1.67	6		New segment		67.0	A		
I-680 - SB	Rt 2262/Mission	Scott Creek Rd	Fre	3	2.19	6		New segment		61.0	A		
84													
85 I-880 - NB	Dix Landing	SR 262/Mission	Fre	3	2.08	8	91-92	40.3	E	33.7	E		
I-880 - NB	SR 262/Mission	Stevenson	Fre	3	3.98	8	96	61.6	A				
87 I-880 - NB	AutoMall Pkwy	Fre	3	2.44	8	96		New segment		45.8	D		
88 I-880 - NB	AutoMall Pkwy	Stevenson	Fre	3	1.54	8	96	New segment		41.1	D		
89 I-880 - NB	Stevenson	Decoto	Fre	3	4.04	8	96-98	61.6	A	49.6	C		
I-880 - NB	Decoto	Alv-Niles	Fre - Un Cty	3	2.68	8	02	58.7	B				
90 I-880 - NB	Decoto	Alvarado Blvd	Fre - Un Cty	3	1.17	8	02	New segment		32.6	E		
91 I-880 - NB	Alvarado Blvd	Alvarado-Niles Blvd	Fre- Uni City	3	1.17	8	02	New segment		31.3	E		
92 I-880 - NB	Alv-Niles	Tennyson	Un Cty - Hay	3	2.65	8	00-02,06	24.5	(F30)	23.2	(F30)		

2008 LOS Monitoring Study Results- Freeways for PM Peak Period

CIMP Route	From	Segment Limits To	Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS "F"		2006 LOS Results		2008 LOS Results	
							(Years)	Speed	LOS	Speed	LOS	
93 I-880 - NB	Tennyson	SR 92	Hay	2	1.14	8	91-92	36.6	E	39.6	E	
94 I-880 - NB	SR 92	A St	Hay	2	1.52	8	91-92	46.6	D	52.1	C	
95 I-880 - NB	A St	I-238	Unincorp	2	1.82	8	94-95	56.5	B	46.6	D	
I-238	Hegenberger	Oak -SL	Oak -SL	2	5.33	8		58.7	B			
96 I-880 /I-238 (split)	Marina Blvd	Marina Blvd	Oak -SL	2	2.66	8		New segment	59.9	B		
97 I-880 - NB	Marina Blvd	SR 112/Davis	Oak - SL	2	0.79	8		New segment	49.7	C		
98 I-880 - NB	SR 112/Davis	Hegenberger	Oak - SL	2	1.88	8		New segment	58.6	B		
99 I-880 - NB	Hegenberger	High/42nd	Oak	1	2.47	8		54.5	C	57.4	B	
I-880	High/42nd	I-980	Oak	1	3.70	8		56.9	B			
100 I-880 - NB	High/42nd	23rd (1st on)	Oak	1	1.06	8		New segment	61.9	A		
101 I-880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	1	2.64	8		New segment	54.6	C		
I-980	I-880/80 Merge	I-880	Oak	1	3.78			67.1	A			
102 I-880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	1	2.38	8		New segment	60.9	A		
103 I-880 - NB	I-880/I 80 (split)	I-880/I-80 (merge)	Oak	1	1.40	8		New segment	31.3	E		
I-880 - SB	I-880/80 Split	I-980	Oak	1	3.17	6						
104 I-880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1	4.28			47.6	D			
105 I-880 - SB	I-880/I-80 merge	Jct 980	Oak	1	1.63	8		New segment	61.1	A		
106 I-880 - SB	I-980	23rd	Oak	1	2.65	8		New segment	80.8	A		
107 I-880 - SB	23rd St	High/42nd	Oak	1	2.79	8	06	22.6	(F30)	50.1	C	
108 I-880 - SB	High/42nd	I-238	Oak -SL	1	1.35	8		30.2	E	68.9	A	
I-880 - SB	Hegenberger	I-238	Oak -SL	1	2.27	8	06	24.3	(F30)	38.5	E	
109 I-880 - SB	Hegenberger	SR 112/Davis	Oak - SL	1	4.97	8	91-92	43.6	D			
110 I-880 - SB	SR 112/Davis	Marina Blvd	Oak - SL	1	1.69	8	91-92	New segment	24.5	(F30)		
I-880 - SB	Marina Blvd	SR 238 WB (merge)	Oak - SL	1	0.87	8	91-92	New segment	64.4	A		
111 I-880 - SB	A St	SL-Uninc	2	2.03	8	91-92, '00-02		42.6	D	56.2	B	
I-238	Rt 92	Hay	2	1.81	8			46.0	D	42.4	D	
A St	Rt 92	Tennyson	Hay	2	0.96	8	00	34.6	E	40.2	E	
112 I-880 - SB	Tennyson	Alv-Niles	Hay - UC	2	2.49	8		39.4	E	46.4	D	
I-880 - SB	Alv-Niles	Decoto	UC - Fre	3	2.54	8		47.2	D			
116 I-880 - SB	Alv-Niles	Alvarado						New segment	51.8	C		
117 I-880 - SB	Alvarado	Decoto						New segment	50.3	C		
118 I-880 - SB	Decoto	Stevenson	Fre	3	4.07	8		51.4	C	54.1	C	
I-880 - SB	Stevenson	SR 262/Mission	Fre	3	4.30	8		65.4	A			
119 I-880 - SB	AutoMail Pkwy	Fre	2	1.26	8			New segment	61.0	A		
120 I-880 - SB	AutoMail Pkwy	Fre	2	3.04	8			New segment	44.2	D		
I-880 - SB	SR 262/Mission	Dix Landing(off)	Fre	3	1.27	8	92-96	28.8	(F30)	61.1	A	
121 I-880 - WB	SR 24 @ 580	I-880	Oak	1	2.27	8		41.5	D	65.2	A	
I-880	SR 24 @ 580	I-880	Oak	1	2.32	8	91	53.4	C	53.4	C	

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CMP Route	Segment Limits	From	To	Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS "F" (Years)	2006 LOS Results
								Speed	LOS
SR 13 - NB	Mountain On	Joa Miller/Linc	Oak	1	2.47	4		A	
124 SR 13 - NB	Mountain On	Carson/Redwood (Joaquin Miller)	Oak	1	1.20	4		New segment	85.3 A
125 SR 13 - NB	Carson/Redwood (Joaquin Miller)	Moraga Ave	Oak	1	1.09	4		New segment	42.8 D
126 SR 13 - NB	Joa Miller/Linc	Hiller (Sig)	Oak	1	1.77	4		A	60.3 A
127 SR 13 - NB	Moraga Ave	Moraga Ave	Oak	1	1.57	4	06	20.1 (F30)	40.7 E
128 SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1	1.66	4		57.1	B 56.0 B
129 SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1	2.04	4		49.1	C 70.3 A
SR 13 - SB	Joa Miller/Linc	I-580 Ramp	Oak	1	2.23	4		43.4	D
130 SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1	1.34	4		New segment	61.8 A
131 SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1	0.89	4		New segment	21.9 (F30)
SR 24 - EB	I-580 On-ramp	Fish Ranch	Oak	1	4.52	8	91-'97,02,06	25.4 (F30)	
132 SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oak	1	2.08	8	91-'97,02,06	New segment	25.6 (F30)
133 SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1	1.41	8	91-'97,02,06	New segment	16.9 (F20)
134 SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1	1.03	8	91-'97,02,06	New segment	37.1 E
SR 24 - WB	Fish Ranch	I-580 Off-ramp	Oak	1	4.47	8		58.8 B	
135 SR 24 - WB	Fisch Ranch Road	Caldecott (exit)	Oak	1	0.99	8		New segment	51.5 C
136 SR 24 - WB	Caldecott (exit)	Broadway	Oak	1	1.77	8		New segment	67.4 A
137 SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1	2.19	8		New segment	55.7 B
138 SR 84 - EB	San M CL	Toll Plaza	Fremont	3	2.97	6		62.4 A	53.3 C
139 SR 84 - EB	Toll Plaza	Thornton	Fremont	3	0.27	6	06	28.3 (F30)	37.6 E
SR 84 - EB	Thornton	I-880	Newark	3	2.21	6		33.6 E	
140 SR 84 - EB	Thornton Ave/Paseo Arden	Newark Blvd/Arden	Newark	3	1.23	6		New segment	25.5 (F30)
141 SR 84 - EB	Newark Blvd/Arden	I-880 NB (off)	Newark	3	0.97	6		New segment	15.8 (F20)
SR 84 - WB	I-880	Toll Plaza	Newark	3	2.89	6		49.3 C	
142 SR 84 - WB	I-880 NB (off)	Ardenwood/Newark		3	0.99	6		New segment	40.5 E
143 SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy		3	1.15	6		New segment	60.3 A
144 SR 84 - WB	Paseo Padre Pkwy	Toll Gate		3	0.75	6		New segment	50.9 C
145 SR 84 - WB	Toll Plaza	San M CL	Fremont	2	3.17	6		64.2 A	65.5 A
146 SR 92 - EB	San M CL	Toll Plaza	Uninc - Hay	2	2.61	6	97-02	64.8 A	62.0 A
147 SR 92 - EB	Toll Plaza	Clawitter	Uninc - Hay	2	1.76	6	91-'94, 96-02	62.1 A	41.1 D
148 SR 92 - EB	Clawitter	I-880	Hay	2	2.10	6	91-92,94-95,97-02,06	16.7 (F20)	10.5 (F20)
149 SR 92 - WB	I-880	Clawitter	Hay	2	2.01	6		54.4 C	57.1 B
150 SR 92 - WB	Clawitter	Toll Plaza	Uninc - Hay	2	1.87	6	91-92	36.9 E	48.8 D
151 SR 92 - WB	Toll Plaza	San M CL	Uninc - Hay	2	2.61	6		63.1 A	64.4 A

Note - New Segments were adopted in the 2007 CMP by splitting longer CMP segments into short segments.

2008 LOS Monitoring Study Results- Arterials for PM Peak Period

#	CMP Route	From	To	Juris	Length (miles)	Arterial Class	Area	Lanes	Plan (Years)	No of Prior LOS "F"	2006 LOS Results	Speed	LOS	2008 LOS Results
1	150th St - EB	Hesperian	I-580	SL	0.51	II	2	2			16.4	D	14.2	D
2	150th St - WB		I-580	SL	0.51	II	2	2			17.7	D	11.0	E
3	A Street - EB		I-880	Western	Hay	1.08	II	2			21.3	C	20.9	C
4	A Street - EB	Western	SR 238	Hay	0.53	III	2	2			9.2	D	7.3	E
5	A Street - WB	SR 238	Western	Hay	0.53	III	2	2			16.4	C	12.7	D
6	A Street - WB	Western	I-880	Hay	1.08	II	2	2			11.9	E	20.6	C
7	Atlantic - EB	Main	Webster	Ala	0.80	II	1	2			19.1	C	17.9	D
8	Atlantic - WB	Webster	Main	Ala	0.80	II	1	2			24.5	B	24.3	B
9	Hegenberger - EB*	SR 61	Edgewater	Oak	0.76						21.4	D	18.6	D
10	Hegenberger - EB	Edgewater	Baldwin	Oak	0.73	II	1	3			28.5	B	23.7	C
11	Hegenberger - EB	Baldwin	E 14th	Oak	1.03	II	1	3			33.6	B	32.6	B
12	Hegenberger - WB	E 14th	Baldwin	Oak	1.03	II	1	3			20.1	D	41.9	A
13	Hegenberger - WB	Baldwin	Edgewater	Oak	0.73	II	1	3			11.6	•(F)•	21.0	D
14	Hegenberger - WB*	Edgewater	SR 61	Oak	0.76	II	1	2			06	'92	12.3	E
15	Hesperian - NB	Tennyson	SH 192 - WB	Hay	0.47	II	1	2			26.5	C	8.6	•(F)•
16	Hesperian - NB	SH 92	A St	Hay	2.19	II	2	3			92		25.6	B
17	Hesperian - NB	SH 92	La Playa	Hay	0.79	II	2	3			92		5.2	•(F)•
18	Hesperian - NB	La Playa	W.Winton Ave.	Hay	0.44	II	2	3			92		16.4	D
19	Hesperian - NB	W.Winton Ave	A St	Hay	0.96	II	2	3			92		17.0	D
20	Hesperian - NB	A St	Hacienda	Unin	0.65	II	2	2			13.8	E		
21	Hesperian - NB	Hacienda	Grant	Unin	0.65	II	2	2			16.8	D	23.3	C
22	Hesperian - NB	Grant	Llewelling	Unin	0.28	II	2	2		00.04.06	8.8	•(F)•	8.6	•(F)•
23	Hesperian - NB	Llewelling	Springlake	Unin	0.40	II	2	2			17.6	D	23.9	C
24	Hesperian - NB	Springlake	Fairmont	SL	0.66	II	2	2			14.1	D	12.1	E
25	Hesperian - SB	Fairmont	14th	SL	0.32	II	2	2			25.1	B	15.9	D
26	Hesperian - SB	14th	Fairmont	SL	0.31	II	2	2		'91, '95, '97	13.0	E	8.6	•(F)•
27	Hesperian - SB	Fairmont	Springlake	SL	0.65	II	2	2		'91 - '92	20.1	C	17.9	D
28	Hesperian - SB	Springlake	Llewelling	Unin	0.40	II	2	2		'00	11.2	E	11.9	E
29	Hesperian - SB	Llewelling	Grant	Unin	0.28	II	2	2			19.2	C	18.5	C
30	Hesperian - SB	Grant	Hacienda	Unin	0.65	II	2	2			21.9	C	21.8	C
31	Hesperian - SB	Hacienda	A St	Unin	0.65	II	2	2			23.6	C	16.6	D
32	Hesperian - SB	A St	SH 92	Hay	2.19	II	2	3			20.9	C		
33	Hesperian - SB	SH 92 - WB	W.Winton Ave.	Hay	0.96	II					New Segment		21.4	C
34	Hesperian - SB	W.Winton Ave.	La Playa	Hay	0.44	II					New Segment		20.7	C
35	Mowry - EB	La Playa	SH 92	Hay	0.79	II					New Segment		21.9	C
36	Mowry - EB	SH 84	Farwell	Fre	0.34	II	3	2			91 - 92	E	15.6	D
37	Mowry - WB	SH 84	Farwell	Fre	2.63	II	3	2			25.2	B	16.6	D
											23.5	C	14.7	D

2008 LOS Monitoring Study Results- Arterials for PM Peak Period											
#	CMP Route	From	To	Juris	Length (miles)	Arterial Class	Area	No of Lanes	Prior LOS "F"	2006 LOS Results	2008 LOS Results
								(Years)	Speed	LOS	Speed
38	Mowry - WB	Farwell	I-880	Fre	0.34	II	3	2	25.2	B	22.1
39	Park/23rd - EB	Encinal	Santa Clara	Ala	0.23	III	1	2	8.8	E	11.9
40	Park/23rd - EB	Santa Clara	Kennedy	Ala	0.66	III	1	2	15.0	C	15.6
41	Park/23rd - EB	Kennedy	E 11th	Ala - Oak	0.45	II	1	2	19.1	C	24.2
42	Park/23rd - WB	E 11th	Kennedy	Ala - Oak	0.45	II	1	2	31.6	A	32.4
43	Park/23rd - WB	Kennedy	Santa Clara	Ala	0.66	III	1	2	17.8	C	13.1
44	Park/23rd - WB	Santa Clara	Encinal	Ala	0.23	III	1	2	11.7	D	11.4
45	MLK Jr Way - NB	SH 24	Adeline	Oak	0.90	II	1	2	17.2	D	16.8
46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berk	0.30	II	1	2	12.1	E	13.8
47	Adeline - NB	MLK Jr - North	Shattuck/Adeline	Berk	0.63	II	1	2	15.2	D	14.4
48	Shattuck NB	Shattuck/Adelin	Dwight	Berk	0.32	II	1	2	17.5	D	13.2
49	Shattuck NB	Dwight	University	Berk	0.63	III	1	2	10.5	D	10.9
50	Shattuck SB	University	Dwight	Berk	0.63	III	1	2	12.2	D	12.6
51	Shattuck SB	Dwight	Shattuck/Adeline	Berk	0.32	II	1	2	22.2	C	24.2
52	Adeline - SB	Shattuck/Adelin	MLK Jr - North	Berk	0.63	II	1	2	13.9	E	12.4
53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berk	0.30	II	1	2	'95, '00	D	11.5
54	MLK Jr Way - SB	SH 24	Adeline	Oak	0.88	II	1	2	27.1	B	19.1
55	Tennyson - EB	Hesperian	I-880	Hay	0.88	I	2	2	06	•(F) •	14.2
56	Tennyson - EB	I-880 NB	Rt 238	Hay	1.55	II	2	2	21.7	C	19.5
57	Tennyson - WB	Rt 238	I-880	Hay	1.63	II	2	2	18.1	C	20.9
58	Tennyson - WB	I-880	Hesperian	Hay	0.85	I	2	2	20.8	D	21.4
59	University - EB	I-80 SB	6th	Berk	0.40	II	1	2	18.9	C	16.8
60	University - EB	6th	San Pablo	Berk	0.31	II	1	2	18.3	C	16.7
61	University - EB	San Pablo	Sacramento	Berk	0.56	II	1	2	17.5	D	18.0
62	University - EB	Sacramento	ML King	Berk	0.48	II	1	2	17.4	D	18.1
63	University - EB	ML King	Shattuck Pl	Berk	0.30	II	1	2	10.9	D	11.9
64	University - WB	Shattuck Pl	ML King	Berk	0.30	II	1	2	12.0	D	11.8
65	University - WB	ML King	Sacramento	Berk	0.48	II	1	2	19.5	C	23.2
66	University - WB	Sacramento	San Pablo	Berk	0.56	II	1	2	14.3	D	13.7
67	University - WB	San Pablo	6th	Berk	0.31	II	1	2	98	E	16.7
68	University - WB	I-80 SB	Berk	0.40	II	1	2	36.8	A	36.3	
69	SR 13 Ashby - WB	Hiller	Domingo	Oak - Berk	0.79	II	1	2	26.8	B	22.0
70	SR 13 Ashby - WB	Domingo	College	Berk	0.50	III	1	1	17.7	C	17.1
71	SR 13 Ashby - WB	College	Telegraph	Berk	0.38	III	1	1	10.2	D	14.2
72	SR 13 Ashby - WB	Telegraph	Shattuck	Berk	0.38	III	1	1	13.7	C	14.5
73	SR 13 Ashby - WB	ML King	Shattuck	Berk	0.24	II	1	1	10.1	D	8.1
74	SR 13 Ashby - WB	ML King	San Pablo	Berk	0.87	II	1	1	14.1	C	16.3
75	SR 13 Ashby - WB	I-80 Ramps	San Pablo	Berk	0.64	II	1	2	25.5	B	27.2
76	SR 13 Ashby - EB	I-80	San Pablo	Berk	0.61	II	1	2	16.8	D	16.9
77	SR 13 Ashby - EB	San Pablo	ML King	Berk	0.87	III	1	1	15.7	C	21.1

2008 LOS Monitoring Study Results- Arterials for PM Peak Period											
#	CMP Route	From	To	Segment Limits	Length (miles)	Juris	Class	Area	Plan	No of Lanes	Prior LOS "F"
										(Years)	Speed
78	SR 13 Ashby - EB	ML King	Shattuck	Berk	0.24	III	1			8.6	E
79	SR 13 Ashby - EB	Shattuck	Telegraph	Berk	0.38	III	1			12.5	D
80	SR 13 Ashby - EB	College	College	Berk	0.38	III	1			11.0	D
81	SR 13 Ashby - EB	Domingo	Domingo	Berk	0.50	III	1		91,00,04	12.3	D
82	SR 13 Ashby - EB	Hiller	Hiller	Berk - Oak	0.79	II	1			21.4	C
83	SR 61 - SB	Atlantic	Cent/Webster	Ala	0.55	III	1			12.4	D
84	SR 61 - SB	Cent/Webster	Sher/Encino	Ala	0.73	II	1			18.2	C
85	SR 61 - SB	Sher/Encino	Park	Ala	1.22	II	1			20.0	C
86	SR 61 - SB	Park	High/Otis	Ala	1.06	II	1			20.7	C
87	SR 61 (Doolittle) - SB*	High	Island Dr	Ala	0.41	II	1			18.1	C
88	SR 61 (Doolittle) - SB*	Island Dr	Harbor Bay Pkwy	Ala	0.50	I	1			35.6	A
89	SR 61 - SB	Harbor Bay	Airport Dr	Oak	2.15	I	1			35.9	A
90	SR 61 (Doolittle) - SB	Airport	Davis	Oak - SL	0.95	I	1			30.3	B
91	SR 61 (Doolittle) - NB	Davis	Airport	SL - Oak	0.95	I	2			32.9	B
92	SR 61 - NB	Airport Dr	Harbor Bay	Ala	2.15	I	1			35.8	A
93	SR 61 (Doolittle)-NB*	Harbor Bay	Island Dr	Ala	0.50	I	1			33.8	B
94	SR 61 (Doolittle)-NB*	Island Dr	High/Otis	Ala	0.41	II	1			19.2	C
95	SR 61 - NB	High/Otis	Park	Ala	1.06	II	1			19.9	C
96	SR 61 - NB	Park/Encinal	Sher/Cent	Ala	1.22	II	1			21.6	C
97	SR 61 - NB	Sher/Cent	Web/Cent	Ala	0.73	II	1			18.3	C
98	SR 61 - NB	Web/Cent	Atlantic	Ala	0.55	III	1			14.5	C
99	SR 77 (42nd) - EB	I-880 NB	E 14th	Oak	0.32	I	1			28.0	B
100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oak	0.30	I	1			27.0	C
101	Decoto - WB	SH 238/Mission	Union Square	UC	0.85	II	3			20.5	C
102	Decoto - WB	Union Square	Alv-Niles Rd	UC	0.25	II	3		91-94,98,00-04,06	8.7	•(F)•
103	Decot - WB	Alv-Niles Rd	Fremont Cl	UC	0.66	II	3			19.9	C
104	Decoto - WB	I-880 NB (off)	Fremont Cl	Fre	1.15	II	3			21.8	C
105	Decoto - EB	I-880 NB (off)	Union City CL	Fre	1.15	II	3			20.2	C
106	Decoto - EB	Union City CL	Alv-Niles Rd	UC	0.66	II	3			16.4	D
107	Decoto - EB	Alv-Niles Rd	Union Square	UC	0.25	II	3			14.3	D
108	Decoto - EB	Union Square	SH 238/Mission	UC	0.85	II	3			22.2	C
109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fre	0.90	I	3			27.5	C
110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fre	1.73	I	3			27.8	C
111	SR 84/Fremont(Fre)-WB	Peralta	Thornton	Fre	0.33	II	3		91-92, 94, 02	15.1	D
112	SR 84/Thornton(Fre)-WB	I-880 SB	Fremont	Fre	1.34	II	3			28.6	B
113	SR 84/Thornton (Fre)-EB	I-880 SB	Fremont	Fre	1.34	II	3			27.4	B
114	SR 84/Fremont (Fre)-EB	Thornton	Peralta	Fre	0.33	II	3			13.8	E
115	SR 84/Peralta (Fre) - EB	Fremont	Mowry	Fre	1.73	I	3			30.6	B
116	SR 84/Mowry (Fre) - EB	SH 238	Peralta	Fre	0.90	I	3	4(2)	'00	14.5	E
										26.9	C

2008 LOS Monitoring Study Results- Arterials for PM Peak Period

#	CMP Route	Segment Limits	From	To	Juris	Length (miles)	A arterial	Plan Area	No of Lanes	Prior LOS "F"	2006 LOS Results	2008 LOS Results		
									(Years)	Speed	LOS	Speed	LOS	
117	1st Street - SB	I-580 Off N Mines	N Mines	Liv	0.61	1				20.7	D	21.5	D	
118	1st Street - SB	N Mines Inman	Inman	Liv	1.05	1				31.5	B	39.5	A	
119	1st Street - NB	Inman N Mines	N Mines	Liv	1.05	1				27.0	C	26.0	C	
120	1st Street - NB	N Mines I-580 Off	I-580 Off	Liv	0.61	1				29.7	B	28.9	B	
SR 84 - EB	SR 238	Ple-Sunol Rd	Fre	R2-FFS 41.	3	2				26.9	D			
121	SR 84 - EB	SR 238/Mission Union City Limit	Fre	1.30	R2-FFS 41.7					New Segment	34.9			
122	SR 84 - EB	Union City Limit Palamoras	Fre	0.90	R2-FFS 41.7					New Segment	39.6			
123	SR 84 - EB	Palamoras Niles Cnyn Quarry	Fre	2.22	R2-FFS 41.7					New Segment	42.0			
124	SR 84 - EB	Niles Cnyn Quarry Sunol Rd	Fre	1.71	R2-FFS 41.7					New Segment	45.9			
125	SR 84 - EB	Sunol Rd Ple-Sunol Rd	Fre	0.50	R2-FFS 41.7					New Segment	5.2	•(F)•		
SR 84 - EB		Ple-Sunol Rd Vallecitos Ent.	Unin	2.96	R2-FFS 49.	3	2		02-04.06	•(F).				
126	SR 84 - EB	Ple-Sunol Rd SR 84 (Cffy)I-680	Unin	2.21	R2-FFS 54.2	3	2		02-04.06	New Segment	41.4			
127	SR 84 - EB	SR 84 (Off)I-68 Vallecitos Ent.	Unin	2.05	R2-FFS 42.4	3	2		02-04.06	New Segment	23.6	•(F)•		
SR 84 - EB		Vallecitos-Ent. Call-Box	Unin	4.67	R2-FFS 42.4	3	2		n/a	n/a	Combined to create			
SR 84 - EB		Vallecitos Ent. Vallecitos/Isabel	Unin	3.72	R2-FFS 49.1	3	2		n/a	n/a	#30			
128	SR 84 - EB	Vallecitos/Isabe Vineyard	Liv	1.15	I	4				37.9	C	38.7	C	
129	SR 84 (Liv) - NB	Vineyard	Stanley	Liv	1.53	1	4			40.1	A	40.7	A	
130	SR 84 (Liv) - NB	Stanley	Airway/Kitty Hawk	Liv	1.55	1	4			45.6	A	38.4	A	
131	SR 84 (Liv) - NB	Airway/Kitty Hawk	I-580	Liv	1.06	1	4			31.8	B	36.0	A	
132	SR 84 (Liv) NB	I-580	Airway/Kitty Hawk	Liv	1.06	1	4			30.4	B	27.3	C	
133	SR 84 (Liv) - SB	Airway/Kitty Hawk	Stanley	Liv	1.55	1	4			30.7	B	26.8	C	
134	SR 84 (Liv) - SB	Stanley	Vineyard	Liv	1.53	1	4			41.5	A	46.2	A	
135	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Liv	1.15	1	4			48.0	A	40.8	A	
SR 84 - WB		Isabel	Call-Box	4.67	R2-FFS 41.6	3	2		n/a	n/a	43.2	A	46.1	A
SR 84 - WB		Vallecitos-East	Unin	2.05	R2-FFS 52.5	3	2		n/a	n/a	Combined to create			
SR 84 - WB		Isabel/Vallecito Vallecitos Ent.	Unin	3.72	R2-FFS 48.2	3	2		n/a	n/a	#139			
137	SR 84 - WB	Vallecitos Ent. Ple-Sunol Rd	Unin	2.62	R2-FFS 52.1	3	2			42.7	B			
SR 84 - WB		SR 238	Fre	6.63	R2-FFS 43.0	3	2			41.5	A			
139	SR 84 - WB	Ple-Sunol Rd	Fre	0.52	R2-FFS 43.0					New Segment	35.5			
140	SR 84 - WB	Sunol Rd Niles Canyon Qu	Fre	1.78	R2-FFS 43.0					New Segment	49.8			
141	SR 84 - WB	Niles Canyon Q Fremont City Lim	Fre	0.92	R2-FFS 43.0					New Segment	47.8			
142	SR 84 - WB	Fremont City Li Union City Limit	Fre	1.57	R2-FFS 43.0					New Segment	29.1			
143	SR 84 - WB	Union City Limit SR 238	Fre	1.84	R2-FFS 43.0					New Segment	38.3			
144	SR 92 - EB	I-880 Mission	Hay	1.59	II	2	3		'91 - '92	17.5	D	16.2	D	
145	SR 92 - WB	Mission I-880	Hay	1.59	II	2	3			23.8	C	29.0	B	
146	SR 112 (Davis) - EB	Doolittle/Davis I-880	SL	0.51	II	2	2			14.4	D	13.8	E	
147	SR 112 (Davis) - EB	San Leandro I-880	SL	1.01	II	2	2		'91	22.7	C	19.3	C	
148	SR 112 (Davis) - EB	E 14th San Leandro	SL	0.28	III	2	2			11.6	D	13.7	C	
149	SR 112 (Davis) - WB	E 14th San Leandro	SL	0.28	III	2	2			10.7	D	14.5	C	

2008 LOS Monitoring Study Results- Arterials for PM Peak Period											
#	CMP Route	Segment Limits	From	To	Juris	Length (miles)	Arterial Class	Area	Plan	No of Prior LOS "F"	2006 LOS Results
									(Years)	Speed	LOS Speed
150	SR 112 (Davis) - WB	San Leandro	I-880	SL	1.00	II	2	2	23.0	C	26.3
151	SR 112 (Davis) - WB	I-880	Doolittle	SL	0.51	II	2	2	15.9	D	21.8
152	SR 123 San Pablo - SB	Carlson	Washington	Alb	0.53	II	1	2	26.9	B	26.8
153	SR 123 San Pablo - SB	Marin	Gilman	Alb	0.44	III	1	2	14.3	C	11.6
154	SR 123 San Pablo - SB	Martin	University	Alb - Berk	0.47	II	1	2	15.5	D	16.0
155	SR 123 San Pablo - SB	Gilman	University	Berk	0.86	II	1	2	14.0	E	19.5
156	SR 123 San Pablo - SB	University	Allston	Berk	0.20	II	1	2	9.3	D	16.1
157	SR 123 San Pablo - SB	Allston	Ashby	Berk	1.08	II	1	2	11.9	E	
158	SR 123 San Pablo - SB	Dwight	Dwight	Berk	0.4	II			New Segment	18.7	C
159	SR 123 San Pablo - SB	Ashby	Ashby	Berk	0.68	II			New Segment	13.8	E
160	SR 123 San Pablo - SB	Stanford	Stanford	Berk	0.81	II	1	2	17.4	D	
161	SR 123 San Pablo - SB	53rd	53rd	Oak	0.27	II	1	2	21.5	C	25.5
162	SR 123 San Pablo - SB	Park	Park	Emer	0.34	II	1	2	14.0	E	15.4
163	SR 123 San Pablo - NB	35th	Park	Emer - Oak	0.45	II	1	2	'91	11.6	E
164	SR 123 San Pablo - NB	Park	53rd	Oak - Emer	0.45	II	1	2	12.2		15.4
165	SR 123 San Pablo - NB	53rd	Stanford	Emer	0.34	II	1	2	20.9	C	24.8
166	SR 123 San Pablo - NB	Stanford	Ashby	Oak	0.27	II	1	2	02	D	20.5
167	SR 123 San Pablo - NB	Ashby	Allston	Oak	0.81	II	1	2	13.3	E	12.5
168	SR 123 San Pablo - NB	Ashby	Dwight	Berk	1.08	II	1	2	17.0	D	
169	SR 123 San Pablo - NB	Dwight	Allston	Berk	0.68	II			New Segment	20.8	C
170	SR 123 San Pablo - NB	Allston	University	Berk	0.4	II			New Segment	23.6	C
171	SR 123 San Pablo - NB	University	Gilman	Berk	0.20	III	1	2	'98, '00, 06	•(F)•	8.8
172	SR 123 San Pablo - NB	Gilman	Marin	Berk	0.86	II	1	2	15.7	D	17.0
173	SR 123 San Pablo - NB	Marin	Washington	Alb - Berk	0.47	II	1	2	16.4	D	10.3
			Carlson	Alb	0.45	III	1	2	11.5	D	•(F)•
				Alb	0.53	II	1	2	19.6	C	6.2
										16.9	D
SR 185 (14th) - SB	42nd	Seminary	Oak	1.05	II	1	2		13.0	E	
174	SR 185 (14th) - SB	42nd St	Oak	0.26	II				New Segment	17.6	D
175	SR 185 (14th) - SB	46th St	Seminary	Oak	0.79	II			New Segment	23.2	C
176	SR 185 (14th) - SB	73rd	Oak	0.80	II	1	2		13.5	E	18.0
177	SR 185 (14th) - SB	73rd Ave	Oak	1.39	II	1	2		17.4	D	17.5
178	SR 185 (14th) - SB	98th	Broadmoor	Oak	0.74	II	1	2	17.5	D	19.8
179	SR 185 (14th) - SB	Broadmoor	Davis	SL	0.73	II	2	2	17.9	D	19.8
180	SR 185 (14th) - SB	Davis	San Lenario	SL	1.04	III	2	2	23.0	B	20.3
181	SR 185 (14th) - SB	San L Blvd	Hesperian	SL	0.94	II	2	2	22.0	C	22.7
182	SR 185 (14th) - SB	Bayfair	Hesperian	SL	0.46	II	2	2	14.5	D	15.9
183	SR 185 (14th) - SB	170th	Bayfair	Unin	1.24	II	3	2	26.7	B	27.1
184	SR 185 (14th) - SB	170th	Llewelling	Unin	0.21	II	3	2	29.1	B	28.5
185	SR 185 (14th) - SB	Llewelling	Sunset	Unin	1.02	II	3	2	22.6	C	20.2

2008 LOS Monitoring Study Results- Arterials for PM Peak Period

#	CMP Route	From	To	Juris	Length (miles)	A arterial	Plan Area	No of Lanes	Prior LOS "F" (Years)	2006 LOS Results	2008 LOS Results
186	SR 185 Hayward - SB	Sunset	SR 92/238	Hay	0.84	III	2	2		16.4	C 15.8 C
187	SR 185 Hayward - NB	SR 92/238	Sunset	Hay	0.84	III	2	2		17.9	C 15.8 C
188	SR 185 (14th) - NB	Sunset	Llewelling	Unin	1.11	II	3	2		22.1	C 18.5 C
189	SR 185 (14th) - NB	Llewelling	170th	Unin	0.21	II	3	2		26.8	B 32.9 A
190	SR 185 (14th) - NB	170th	Bayfair	Unin	1.24	II	3	2		22.9	C 18.7 C
191	SR 185 (14th) - NB	Bayfair	Hesperian	SL	0.47	II	2	2		17.5	D 19.8 C
192	SR 185 (14th) - NB	Hesperian	San L Blvd	SL	0.94	II	2	2		22.5	C 24.9 B
193	SR 185 (14th) - NB	San Leandro	Davis	SL	1.02	III	2	2		16.4	C 17.5 C
194	SR 185 (14th) - NB	Davis	Broadmoor	SL	0.72	II	2	2		22.5	C 21.4 C
195	SR 185 (14th) - NB	Broadmoor	98th	Oak	0.74	II	1	2		14.4	D 18.0 C
196	SR 185 (14th) - NB	98th Ave	73rd Ave	Oak	1.37	II	1	2		14.8	D 17.1 D
197	SR 185 (14th) - NB	73rd Ave	Seminary	Oak	0.60	II	1	2		11.2	E 14.5 D
198	SR 185 (14th) - NB	Seminary	42nd	Oak	1.05	II	1	2		17.2	D
199	SR 185 (14th) - NB	46th St	Oak	0.79	II					New Segment	22.0 C
		42nd	Oak	0.26	II					New Segment	7.3 •(F)•
200	SR 238 (Foothill) - NB	Jackson	City Center	Hay	0.62	III	2	3		10.7	C
201	SR 238 (Foothill) - NB	City Center	I-580	Unin-Hay	0.73	II	3	3		16.4	D 19.4 D
202	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Unin	0.71	—	3			63.5	A 46.1 A
203	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Unin	0.86	—	3			49.4	A 43.0 A
204	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hay-Unin	1.03	II	2	3		23.6	C 19.3 C
205	SR 238 (Foothill) - SB	City Center	Jackson	Hay	0.62	III	2	3		12.2	D 10.4 D
206	SR 238 (Mission) - NB	880 NB Rmp	Stevenson	Fire	2.46	—	1	3		39.5	A 37.7 A
207	SR 238 (Mission) - NB	Stevenson	Nursery	Fire	2.57	—	1	3		29.8	B 32.1 B
208	SR 238 (Mission) - NB	Nursery	Tamarack	UC	2.10	—	1	3		29.2	B 28.1 B
209	SR 238 (Mission) - NB	Tamarack	Industrial	UC - Hay	1.96	—	1	3		29.4	B 29.0 B
210	SR 238 (Mission) - NB	Industrial	Sorenson	Hay	1.47	II	2	2		18.5	C 23.4 C
211	SR 238 (Mission) - NB	Sorenson	Jackson	Hay	1.83	II	2	2		18.6	C 16.0 D
212	SR 238 (Mission) - SB	Jackson	Sorenson	Hay	1.83	II	2	2	'91 - '92	20.0	C 13.3 E
213	SR 238 (Mission) - SB	Sorenson	Industrial	Hay	1.47	II	2	2		24.3	B 25.9 B
214	SR 238 (Mission) - SB	Industrial	Tamarack	Hay - UC	1.96	—	1	2		29.2	B 30.2 B
215	SR 238 (Mission) - SB	Tamarack	Nursery	UC	2.07	—	1	3		27.3	C 23.5 C
216	SR 238 (Mission) - SB	Nursery	Stevenson	Fire	2.57	—	1	3		31.5	B 29.6 B
217	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fire	2.46	—	1	3		35.6	A 24.6 C
218	SR 260 (Tubes) - NB	Atlantic	7th/Web	Oak	1.31	—	1	2		35.8	A 29.8 A
219	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oak	1.31	—	1	2	'91	29.2	B 29.0 A

2008 LOS Monitoring Study Results- Arterials for PM Peak Period										
#	CMP Route	Segment Limits	From	To	Juris	Length (miles)	Arterial Class	Plan Area	No of Lanes	Prior LOS "F" (Years)
220	SR 262 (Mission) - EB	I-880 NB	I-880 NB		Fre	1.33	1	3	2	19.4
221	SR 262 (Mission) - WB	I-880 NB	I-880 SB		Fre	1.11	1	3	2	29.2

Note - New Segments were adopted in the 2007 CMP by splitting longer CMP segments into short segments.

* - New CMP Segments added in the 2007 CMP since they met the Principal Arterial criteria for inclusion.

2008 LOS Monitoring Study Results- Ramps and Special Segments for PM Peak Period

#	CMP Route	Segment Limits		Plan Area	Length (miles)	No of Lanes	Free Flow Speed	Prior LOS "F" (Years)	2006 LOS Results		2008 LOS Results	
		From:	To:						Speed	LOS	Speed	LOS
1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oak	1	0.30	1	38.0	91-92, 97-02	29.1	C	34.4
2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oak	1	0.41	1	40.0	91-92, 98	20.7	E	35.4
3	SR 24 WB/I-580 WB	SR 24 ON	I-580 OFF	Oak	1	0.69	2	Weaving	95	41.7	n/a	B
4	I-580/SR 24 Interchange	I-580 WB	SIR-24 EB	Oak	1	0.51	2	45.0		24.6	E	38.1
5	I-580/SR 24 Interchange	SR-24 WB	I-580 EB	Oak	1	0.74	2	51.0		18.5	•(F)•	B
6	SR 13/SR 24 Interchange	SR-13 NB	SIR-24 EB	Oak	1	0.32	1	40.0	92-04	11.6	•(F)•	6.2
7	SR 13/SR 24 Interchange	SR-24 WB	SIR-13 SB	Oak	1	0.16	1	31.0		17.8	E	33.2
8	I-880/I-238 Interchange	I-880 SB	I-238 EB	SL	2	0.74	2	47.0	93-95, 97	46.4	A	54.5
9	I-880/I-238 Interchange	I-238 WB	I-880 NB	SL	2	0.54	1	54.0		64.8	A	70.7
10	I-880/I-238 Interchange	I-880 NB	I-238 EB	SL	2	0.42	1	32.0		25.6	B	29.4
11	I-880/I-238 Interchange	I-238 WB	I-880 SB	SL	2	0.76	1	53.0		43.4	B	73.6
12	I-580/I-238 Interchange	I-580 SB	I-238 EB	Hay	2	0.35	1	37.0		23.0	D	20.0
13	I-580/I-238 Interchange	I-238 WB	I-580 NB	Hay	2	0.32	1	38.0		37.0	A	35.6
14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleas	4	0.46	1	35.0		23.8	D	20.1
15	I-580/I-680 Interchange	I-580 EB	I-680 SB	Pleas	4	0.28	1	42.0		25.6	D	23.7
16	I-580/I-680 Interchange*	I-680 NB	I-580 EB	Pleas	4	0.90	2	63.8	93	60.0	A	59.3
17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleas	4	0.66	1	41.0		45.8	A	41.6
18	I-580/I-680 Interchange*	I-580 WB	I-680 NB	Pleas	4	0.41	1	51.5		43.2	B	42.8
19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleas	4	0.66	1	39.0		30.4	C	19.2
20	I-580/I-680 Interchange*	I-680 SB	I-580 EB	Pleas	4	1.23	2	68.1	92.02	64.6	A	55.8
21	I-580/I-680 Interchange*	I-680 SB	I-580 WB	Pleas	4	0.43	1	58.4	02	55.0	A	53.0
22	I-880/SR 260 Connection	I-880 SB	SIR-260 WB	Oak	1	0.99	1	32.0		23.7	C	unqualified data
23	I-880/SR 260 Connection	SR-260 EB	I-880 NB	Oak	1	0.36	1	35.0	98	19.4	E	13.3

2008 LOS Monitoring Study Results- Freeways for AM Peak Period

CMP Route	Segment Limits		Plan Area	Length (miles)	No of Lanes	Prior LOS F (Years)	2006 LOS Results		2008 LOS results	
	From	To					Speed	LOS	Speed	LOS
1 I-80 - EB	SF County Line	Toll Plaza	Oak	1	2.06	10	58.5	B	57.8	B
2 I-80 - EB	Toll Plaza	I-580 SB Merge	Oak	1	1.15	10	51.5	C	58.1	B
3 I-80 - EB	I-580/80 Merge	University	Emery - Berk	1	2.80	10	59.9	B		
4 I-80 - EB	-80/I-580 (Merge)	Powell	Emery - Berk	1	0.79	10		New segment	74.3	A
4 I-80 - EB	Powell	Ashby	Emery - Berk	1	0.67	10		New segment	51.8	C
5 I-80 - EB	Ashby	University	Emery - Berk	1	1.34	10		New segment	64.2	A
6 I-80 - EB	University	Central	Berk - Alb	1	2.40	10	56.8	B		
6 I-80 - EB	University	Jct I-580 (off)	Berk - Alb	1	1.51	10		New segment	68.4	A
7 I-80 - EB	Jct I-580 (off)	Central (on)	Berk - Alb	1	1.12	10		New segment	62.9	A
8 I-80 - WB	Central	University	Berk - Alb	1	2.48	10	97.00-02, 06	(F20)		
8 I-80 - WB	Central	Jct I-580	Berk - Alb	1	0.70	10		New segment	24.6	(F30)
9 I-80 - WB	Jct I-580	University	Berk - Alb	1	1.49	10		New segment	25.6	(F30)
10 I-80 - WB	University	I-580 Split	Emery - Berk	1	2.43	10	97.00	33.9	E	
10 I-80 - WB	Ashby	Emery - Berk	Emery - Berk	1	1.36	10		New segment	43.6	D
11 I-80 - WB	Ashby	Powell	Emery - Berk	1	0.64	10		New segment	44.2	D
12 I-80 - WB	Powell	I-80/I-580 (Split)	Emery - Berk	1	0.42	10		New segment	40.2	E
13 I-80 - WB	I-580 Split	Toll Plaza	Oak	1	1.20	10	97-06	3.2	(F10)	
14 I-80 - WB	Toll Plaza	SF County	Oak	1	2.00	10	97-06	17.1	(F20)	
15 I-238 - EB	I-880	I-580	Uninc-San L	2	2.28	6				
16 I-238 - WB	I-580	I-880	Uninc-San L	2	1.60	6	97-06	15.4	(F20)	
17 I-580 - EB	I-580/I-238 changed fm (I-238/FIn Off)	Grove	Unincorp	2	2.88	8				
I-580 - EB	Grove	I-680	Uninc - Pleas	4	7.74	8	56.3	B	58.1	B
I-580 EB	Grove	Eden Canyon	Uninc - Pleas	4	2.17	8		New segment	69.1	A
I-580 EB	Eden Canyon	San Ramon / Foothill	Uninc - Pleas	4	4.80	8		New segment	60.5	A
I-580 EB	San Ramon / Foothill	I-680	Uninc - Pleas	4	0.77	8		New segment	63.0	A
I-580 EB	I-680	Santa Rita	Plea	4	2.72	8	60.4	A		
I-580 EB	Hopyard	Santa Rita	Plea	4	0.76	8		New segment	58.0	B
I-580 EB	Santa Rita	Portola	Unincorp	4	4.47	8	62.4	A		
I-580 EB	Santa Rita	El Charro	Uninc-Pleas	4	1.24	8		New segment	62.3	A
I-580 EB	El Charro	SR 84/Airway Blvd.	Unincorp	4	1.52	8		New segment	63.5	A
I-580 EB	SR 84/Airway Blvd.	Portola	Unincorp	4	1.71	8		New segment	62.3	A
I-580 - EB	Portola	1st St	Liv	4	2.70	8	70.9	A	63.0	A
I-580 - EB	1st St	I-205 (SJ Co) Off	Liv - Uninc	4	9.83	8	48.9	D		
I-580 - EB	1st St	Greenville	Liv-Uninc	4	1.98	8		New segment	52.0	C
I-580 - EB	Greenville	N.Flynn	Uninc	4	1.50	8		New segment	40.3	E

2008 LOS Monitoring Study Results- Freeways for AM Peak Period

CIMP Route	Segment Limits	From	To	Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS F	2006 LOS Results	2008 LOS results
								(Years)	Speed	LOS
29 I-580 - EB	N.Flynn	Grant Line	I-205 (SJ Co) Off	Uninc	4	3.19	8	New segment	47.1	D
30 I-580 - EB	Grant Line	1st St	Liv - Uninc	4	1.11	8		New segment	43.6	D
I-580 - WB	I-205 (SJ Co)	I-205 (SJ Co)	Grant Line	4	10.04	8	04	32.6	E	
31 I-580 - WB	I-205 (SJ Co)	Grant Line	Liv - Uninc	4	0.89	8		New segment	32.2	E
32 I-580 - WB	Grant Line	N Flynn	Liv - Uninc	4	4.56	8		New segment	56.4	B
33 I-580 - WB	N Flynn	Greenville Rd	Liv - Uninc	4	2.34	8		New segment	54.8	C
34 I-580 - WB	Greenville Rd	1st St	Liv - Uninc	4	2.30	8		New segment	24.0	F(30)
35 I-580 - WB	1st St	Portola Ave.	Liv	4	2.52	8	04-06	13.9	(F20)	16.8
I-580 - WB	Portola Ave	Tassajara Rd	Liv-Pleia	4	4.70	8	04	30.8	E	
36 I-580 - WB	Portola	SR 84/Airway Blvd	Liv - Plea	4	1.76	8		New segment	29.4	F(30)
37 I-580 - WB	SR 84/Airway Blvd	Fallon Rd/EI Charro	Pleia	4	1.78	8		New segment	40.9	E
38 I-580 - WB	Fallon Rd/EI Charro	Tassajara	Pleia	4	1.16	8		New segment	52.8	C
39 I-580 - WB	Tassajara Rd	I-680	Pleia	4	2.87	8		46.1	D	54.3
I-580 - WB	I-680	Center	Pleia - Uninc	4	8.08	8		66.1	A	
40 I-580 - WB	I-680	San Ramon Rd	Pleia - Uninc	4	0.69	8		New segment	64.2	A
41 I-580 - WB	San Ramon Rd	Eden Canyon	Pleia - Uninc	4	4.75	8		New segment	62.5	A
42 I-580 - WB	Eden Canyon	Center St	Pleia - Uninc	4	2.28	8		New segment	49.8	C
43 I-580 - WB	Center	I-580/238	Unincorp	2	1.94	8	02	36.2	E	31.9
I-580 - EB	I-80	Harrison	Oak	1	2.37	8		67.0	A	
44 I-580 - EB	I-80	I-80	Oak	1	1.24	8		New segment	63.0	A
45 I-580 - EB	I-980	Harrison	Oak	1	0.95	8		New segment	60.0	A
I-580 - EB	Harrison	SH 13 Off	Oak	1	5.09	8		63.0	A	
46 I-580 - EB	Harrison	Lakeshore	Oak	1	0.69	8		New segment	61.4	A
47 I-580 - EB	Lakeshore	Coolidge	Oak	1	2.25	8		New segment	65.2	A
48 I-580 - EB	Coolidge	SH 13 Off	Oak	1	2.15	8		New segment	57.3	B
49 I-580 - EB	SH 13 Off	MacArthur	Foothill	1	4.09	8		57.9	B	65.5
50 I-580 - EB	MacArthur	I-580/238	SL -Hay	2	4.33	8		65.1	A	67.2
51 I-580 - WB	I-238	Foothill/MacArthur	Oak -SL	2	4.42	8		74.9	A	70.9
52 I-580 - WB	Foothill/MacArthur	SH 13 Off	Oak -SL	1	3.89	8		66.5	A	40.6
53 I-580 - WB	SH 13 Off	Fruitvale	Oak	1	2.36	8		45.6	D	25.0
54 I-580 - WB	Fruitvale	Harrison	Oak	1	2.21	8		45.9	D	32.0
55 I-580 - WB	Harrison	SH 24 On-ramp	Oak	1	1.16	8		52.6	C	48.7
56 I-580 - WB	SH 24 On-ramp	I-80/580 Split	Oak	1	0.69	8	02.06	25.8	(F30)	20.7

2008 LOS Monitoring Study Results- Freeways for AM Peak Period

CIMP Route	Segment Limits	From	To	Jurisdiction Area	Plan Length (miles)	No of Lanes	Prior LOS F (Years)	2006 LOS Results		2008 LOS Results	
								Speed	LOS	Speed	LOS
57 I-580 - EB	Central	I-80 Jct	Alb	1	0.77	4		36.9	E	31.9	E
58 I-580 - WB	I-80 Jct	Central	Alb	1	1.07	4		61.9	A	68.1	A
I-680 - NB	Scott Creek	SR 238	Fre	3	5.97	6		59.8	B		
I-680 - NB	Scott Creek Rd	Rt 262/Mission	Fre	3	2.20	6		New segment		62.6	A
I-680 - NB	Rt 262/Mission	Durham Rd	Fre	3	1.34	6		New segment		66.7	A
I-680 - NB	Durham Rd	Washington Blvd	Fre	3	1.54	6		New segment		65.1	A
I-680 - NB	Washington Blvd	Rt 238/Mission	Fre	3	0.89	6		New segment		68.8	A
I-680 - NB	SR 238	SR 84	Unincorp	3	5.13	6		61.4	A		
I-680 NB	SR 238/Mission	Vargas Rd	Unincorp	3	0.82	6		New segment		61.7	A
I-680 NB	Vargas Rd	Andrade Rd	Unincorp	3	2.64	6		New segment		64.1	A
I-680 NB	Andrade Rd	Caliavera	Unincorp	3	1.13	6		New segment		61.1	A
I-680 NB	Caliavera	Rt 84/Vallejitos	Unincorp	3	0.30	6		New segment		69.8	A
I-680 - NB	SR 84	Bernal Ave	Plea - Uninc	4	4.97	6		66.4	A		
I-680 NB	SR 84	Sunol Blvd	Plea - Uninc	4	3.45	6		New segment		66.4	A
I-680 NB	Sunol Blvd.	Bernal Ave	Plea - Uninc	4	1.52	6		New segment		64.9	A
I-680 - NB	I-580	I-580	Plea	4	3.23	6		55.5	B		
I-680 NB	Bernal Ave	Stoneridge Dr	Plea	4	2.39	6		New segment		65.1	A
I-680 NB	Stoneridge Dr	I-580	Plea	4	0.84	6		New segment		67.0	A
I-680 - NB	I-580	Alcosta	Dub	4	1.83	6		44.1	D	58.4	B
I-680 - SB	I-580	I-580	Dub	4	1.84	6		64.3	A	67.4	A
I-680 - SB	I-580	Bernal	Plea	4	3.31	6		54.7	C		
I-680 SB	I-580	Stoneridge Dr	Plea	4	0.76	6		New segment		59.1	B
I-680 SB	Stoneridge Dr	Bernal	Plea	4	2.55	6		New segment		62.4	A
I-680 - SB	Bernal	SR 84	Unincorp	4	5.13	6		55.6	B		
I-680 SB	Bernal Ave.	Sunol Blvd	Unincorp	4	1.31	6		New segment		41.3	D
I-680 SB	Sunol Blvd.	SR 84	Unincorp	4	3.82	6		New segment		51.0	C
I-680 - SB	SR 84	SR 238	Unincorp	3	4.60	6	97.02	57.7	B		
I-680 SB	SR 84 (Niles Canyon)	Andrade Rd	Unincorp	3	1.32	6		New segment		46.9	D
I-680 SB	Andrade Rd	Sheridon Rd	Unincorp	3	1.39	6		New segment		55.7	B
I-680 SB	Sheridon Rd	Vargas Rd	Unincorp	3	0.81	6		New segment		41.6	D
I-680 SB	Vargas Rd	SR 238/Mission	Unincorp	3	1.08	6		New segment		38.1	E
I-680 - SB	SR 238	Scott Creek	Fre	3	6.42	6	02	50.3	C		
I-680 - SB	Rt 238/Mission	Washington Blvd	Fre	3	1.04	6		New segment		41.9	D
I-680 - SB	Washington Blvd	Durham Rd	Fre	3	1.52	6		New segment		41.1	D
I-680 - SB	Durham Rd	Rt 2262/Mission	Fre	3	1.67	6		New segment		45.5	D
I-680 - SB	Rt 262/Mission	Scott Creek Rd	Fre	3	2.19	6		New segment		53.9	C

2008 LOS Monitoring Study Results- Freeways for AM Peak Period

CIMP Route	Segment Limits		Jurisdiction Area	Plan Length (miles)	No of Lanes	Prior LOS F	2006 LOS Results	2008 LOS results	
	From	To				(Years)	Speed	LOS	Speed
85 I-880 - NB	Dix Landing	SR 262/Mission	Fre	3	2.08	8	62.5	A	44.7
I-880 - NB	SR 262/Mission	Stevenson	Fre	3	3.98	8	62.6	A	
86 I-880 - NB	Dixon Landing	SR262/Mission	Fre	3	2.08	8	New segment	60.0	B
87 I-880 - NB	AutoMall Pkwy	AutoMall Pkwy	Fre	3	2.44	8	New segment	58.5	B
88 I-880 - NB	Stevenson	Stevenson	Fre	3	1.54	8	New segment	58.5	B
89 I-880 - NB	Decoto	Decoto	Fre	3	4.04	8	New segment	58.5	B
I-880 - NB	Alv-Niles	Fre - Un Cty	3	2.68	8	60.4	A	62.7	A
90 I-880 - NB	Decota	Alvarado Blvd	Fre - Un Cty	3	1.17	8	43.7	D	
91 I-880 - NB	Alcarado Blvd	Alvarado-Niles Blvd	Fre - Uni Cty	3	1.17	8	New segment	51.3	C
92 I-880 - NB	Alv-Niles	Tennyson	Un Cty - Hay	3	2.65	8	24.4	(F30)	D
93 I-880 - NB	Tennyson	SR 92	Hay	2	1.14	8	41.5	D	(F30)
94 I-880 - NB	SR 92	A St	Hay	2	1.52	8	45.7	D	C
95 I-880 - NB	A St	I-238 (Marina before	Unincorp	2	1.82	8	50.7	C	B
I-880 - NB	I-238 (Marina before	Hegenberger	Oak -SL	2	5.33	8	42.8	D	
96 I-880 - NB	I-880/I-238 (split)	Marina Blvd	Oak -SL	2	2.66	8	New segment	53.8	C
97 I-880 - NB	Marina Blvd	SR 112/Davis	Oak - SL	2	0.79	8	New segment	47.2	D
98 I-880 - NB	SR 112/Davis	Hegenberger	Oak - SL	2	1.88	8	New segment	44.6	D
99 I-880 - NB	Hegenberger	High/42nd	Oak	1	2.47	8	39.5	E	D
-880 - NB	High/42nd	I-980	Oak	1	3.70	8	38.4	E	
100 -880 - NB	High/42nd	23rd (1st on)	Oak	1	1.06	8	New segment	38.9	E
101 -880 - NB	23RD (1ST on)	Jct 980 (off)	Oak	1	2.64	8	New segment	45.7	D
I-880 - NB	I-980	I-880/80 Merge	Oak	1	3.78	8	04	18.0	(F20)
102 -880 - NB	Jct 980 (off)	I-880/I-80 split	Oak	1	2.38	8	New segment	63.3	A
103 -880 - NB	I-880/I-238 (split)	I-880/I-80 (merge)	Oak	1	1.40	8	New segment	64.3	A
I-880 - SB	I-880/80 Split	I-980	Oak	1	4.28	8	69.4	A	
104 -880 - SB	I-880/I-80 split	I-880/I-80 merge	Oak	1	1.63	8	New segment	65.5	A
105 -880 - SB	I-880/I-80 merge	Jct 980	Oak	1	2.65	8	New segment	81.7	A
106 I-880 - SB	I-980	23rd	Oak	1	2.79	8	53.1	C	57.4
107 I-880 - SB	23rd St	High/42nd	Oak	1	1.35	8	48.7	D	76.7
108 I-880 - SB	High/42nd	Hegenberger	Oak	1	2.27	8	60.8	A	61.8
I-880 - SB	Hegenberger	I-238	Oak -SL	1	4.97	8	57.2	B	
109 I-880 - SB	Hegenberger	SR 112/Davis	Oak - SL	1	1.69	8	New segment	47.9	D
110 I-880 - SB	SR 112/Davis	Marina Blvd	Oak - SL	1	0.87	8	New segment	44.0	D
111 I-880 - SB	Marina Blvd	SR 238 WB (merge	Oak - SL	1	2.41	8	New segment	33.9	E
112 I-880 - SB	I-238 (Marina before 06)	A St	SL -Uninc	2	2.03	8	06	27.3	(F30)
113 I-880 - SB	A St	Rt 92	Hay	2	1.81	8	97.98,00-02	32.0	(F30)
114 I-880 - SB	Rt 92	Tennyson	Hay	2	0.96	8	38.3	E	30.3
115 I-880 - SB	Tennyson	Alv-Niles	Hay - UC	2	2.49	8	00	43.8	E
					00			38.8	E

2008 LOS Monitoring Study Results- Freeways for AM Peak Period

CMP Route	Segment Limits		Jurisdiction Area	Plan Length (miles)	No of Lanes	Prior LOS F (Years)	2006 LOS Results		2008 LOS results		
	From	To					Speed	LOS	Speed	LOS	
I-880 - SB	Alv-Niles	Decoto	UC - Fre	3	2.54	8	39.1	E			
116 I-880 - SB	Alvarado-Niles	Alvarado	UC - Fre	2	1.37	8		New segment	45.6	D	
117 -880 - SB	Alvarado	Decoto	UC - Fre	2	1.17	8		New segment	45.4	D	
118 -880 - SB	Decoto	Stevenson	Fre	3	4.07	8	44.5	D	47.4	D	
1-880 - SB	Stevenson	SR 262/Mission	Fre	3	4.30	8	04.06	25.9	(F30)		
119 -880 - SB	Stevenson	AutoMall Pkwy	Fre	2	1.26	8	04.06	New segment	40.5	E	
120 -880 - SB	AutoMall Pkwy	Rt 262/Mission	Fre	2	3.04	8	04.06	New segment	22.0	(F30)	
121 -880 - SB	SR 262/Mission	Dix Landing(off)	Fre	3	1.27	8	96.00.04	20.3	(F30)		
122 -980 - WB	SR 24 @ 580	I-880	Oak	1	2.27	8		42.9	D	B	
123 -I980 - EB	I-880	SR 24 @ 580	Oak	1	2.32	8		58.3	B	B	
									61.4	A	
SR 13 - NB	Mountain On	Joa Miller/Linc	Oak	1	2.47	4		51.9	C		
124 SR 13 - NB	Mountain On	Carson/Redwood (1)	Oak	1	1.20	4		New segment	82.5	A	
125 SR 13 - NB	Carson/Redwood (1)	Joaquin Miller	Oak	1	1.09	4		New segment	41.2	D	
126 SR 13 - NB	Joa Miller/Linc	Moraga Ave	Oak	1	1.77	4	36.4	E	51.9	C	
127 SR 13 - NB	Moraga Ave	Hiller (Sig)	Oak	1	1.57	4	06	(F20)	34.4	E	
128 SR 13 - SB	Hiller Sig	Moraga Ave	Oak	1	1.66	4		47.5	D	B	
129 SR 13 - SB	Moraga Ave	Joa Miller/Linc	Oak	1	2.04	4		66.6	A	73.2	A
SR 13 - SB	Joa Miller/Linc	I-580 Ramp	Oak	1	2.23	4		51.7	C		
130 SR 13 - SB	Joaq Miller/Lincoln	Redwood	Oak	1	1.34	4		New segment	63.3	A	
131 SR 13 - SB	Redwood	Jct I-580 (EB Merge)	Oak	1	0.89	4		New segment	50.3	C	
SR 24 - EB	I-580 On-ramp	Fish Ranch	Oak	1	4.52	8	02.06	27.6	(F30)		
132 SR 24 - EB	Jct I-580 (on)	Broadway/SR 13	Oak	1	2.08	8		New segment	64.5	A	
133 SR 24 - EB	Broadway/SR 13	Caldecott (enter)	Oak	1	1.41	8		New segment	15.2	(F30)	
134 SR 24 - EB	Caldecott (enter)	Fish Ranch Road	Oak	1	1.03	8		New segment	39.8	E	
SR 24 - WB	I-580 Off-ramp	Fish Ranch	Oak	1	4.47	8		53.4	C		
135 SR 24 - WB	Fisch Ranch Road (C)	Caldecott (exit)	Oak	1	0.99	8		New segment	51.0	C	
136 SR 24 - WB	Caldecott (exit)	Broadway	Oak	1	1.77	8		New segment	49.8	C	
137 SR 24 - WB	Broadway	Jct I-580 (on)	Oak	1	2.19	8		New segment	37.0	E	

2008 LOS Monitoring Study Results- Freeways for AM Peak Period									
CMP Route	Segment Limits		From	To	Jurisdiction	Plan Area	Length (miles)	No of Lanes	Prior LOS F (Years)
									Speed
138 SR 84 - EB	San M CL	Toll Plaza	Fremont	3	2.97	6		63.1	A
139 SR 84 - EB	Toll Plaza	Thornton	Fremont	3	0.27	6		30.4	E
SR 84 - EB	I-880	Newark	Newark	3	2.21	6		49.5	C
140 SR 84 - EB	Thornton Ave/Pascon	Newark Blvd/Arden	Newark	3	1.23	6		New segment	65.1
141 SR 84 - EB	Newark Blvd/Ardenwo	I-880 NB (off)	Newark	3	0.97	6		New segment	37.2
SR 84 - WB	I-880	Toll Plaza	Newark	3	2.89	6	02	39.9	E
142 SR 84 - WB	I-880 NB (off)	Ardenwood/Newark	3	0.99	6			New segment	40.8
143 SR 84 - WB	Ardenwood/Newark	Paseo Padre Pkwy	3	1.15	6			New segment	58.8
144 SR 84 - WB	Paseo Padre Pkwy	Toll Gate	3	0.75	6			New segment	41.9
145 SR 84 - WB	Toll Plaza	San M CL	Fremont	2	3.17	6		57.8	B
									63.0
146 SR 92 - EB	San M CL	Toll Plaza	Uninc - Hay	2	2.61	6		68.3	A
147 SR 92 - EB	Toll Plaza	Clawitter	Uninc - Hay	2	1.76	6		62.9	A
148 SR 92 - EB	Clawitter	I-880	Hay	2	2.10	6		59.9	B
149 SR 92 - WB	I-880	Clawitter	Hay	2	2.01	6	02	53.1	C
150 SR 92 - WB	Clawitter	Toll Plaza	Uninc - Hay	2	1.87	6	02	40.8	E
151 SR 92 - WB	Toll Plaza	San M CL	Uninc - Hay	2	2.61	6	02	61.6	A
									61.5

Note - New Segments were adopted in the 2007 CMP by splitting longer CMP segments into short segments.

2008 LOS Monitoring Study Results - Arterials for AM Peak Period										
#	CMF Route	Segment Limits	To	Jurisdiction	Length (miles)	Arterial Class	Area Plan	No of Lanes	2006 LOS Results	2008 LOS Results
		From	To					Speed	Speed	LOS
1	150th St - EB	Hesperian	I-580	SL	0.49	II	2	15.0	D	16.7
2	150th St - WB	I-580	Hesperian	SL	0.49	II	2	14.2	D	14.5
3	A Street - EB	I-880	Western	Hay	1.08	II	2	23.2	C	23.2
4	A Street - EB	Western	SR 238	Hay	0.53	II	2	9.6	D	12.0
5	A Street - WB	SR 238	Western	Hay	0.53	II	2	11.1	D	12.8
6	A Street - WB	Western	I-880	Hay	1.08	II	2	20.3	C	19.8
7	Atlantic - EB	Main	Webster	Ala	0.80	II	1	19.2	C	18.9
8	Atlantic - WB	Webster	SR 61	Main	0.80	II	1	28.9	B	24.2
9	Hegenberger - EB*	Edgewater	Oak	Edgewater	0.76	I	3	29.3	B	29.4
10	Hegenberger - EB	Edgewater	Baldwin	Oak	0.73	I	1	29.8	B	24.4
11	Hegenberger - EB	Baldwin	E 14th	Oak	1.03	I	1	39.3	A	30.7
12	Hegenberger - WB	E 14th	Baldwin	Oak	1.03	I	1	39.3	A	46.8
13	Hegenberger - WB	Baldwin	Edgewater	Oak	0.73	I	1	21.7	D	23.0
14	Hegenberger - WB*	Edgewater	SR 61	Oak	0.76	I	1	3	20.3	D
15	Hesperian - NB	Tennyson	SH 92 - WB	Hay	0.47	I	2	3	16.6	E
	Hesperian - NB	SH 92	A St	Hay	2.19	II	2	3	19.7	C
16	Hesperian - NB	SH 92	La Playa	Hay	0.79	II	2	3	New Segment	18.9
17	Hesperian - NB	La Playa	W. Winton Ave.	Hay	0.44	II	2	3	New Segment	11.5
18	Hesperian - NB	W. Winton Ave.	A St	Hay	0.96	II	2	3	New Segment	23.8
19	Hesperian - NB	A St	Hacienda	Unin	0.65	II	2	23.8	C	23.6
20	Hesperian - NB	Hacienda	Grant	Unin	0.65	II	2	2	27.5	B
21	Hesperian - NB	Grant	Liewelling	Unin	0.28	II	2	18.5	C	11.8
22	Hesperian - NB	Liewelling	Springlake	Unin	0.40	II	2	20.3	C	28.7
23	Hesperian - NB	Springlake	Fairmont	SL	0.66	II	2	17.3	D	19.1
24	Hesperian - NB	Fairmont	14th	SL	0.32	II	2	14.9	D	18.0
25	Hesperian - SB	14th	Fairmont	SL	0.31	II	2	16.8	D	9.7
26	Hesperian - SB	Fairmont	Springlake	SL	0.65	II	2	23.7	C	19.2
27	Hesperian - SB	Springlake	Liewelling	Unin	0.40	II	2	16.0	D	17.2
28	Hesperian - SB	Liewelling	Grant	Unin	0.28	II	2	15.7	D	14.1
29	Hesperian - SB	Grant	Hacienda	Unin	0.65	II	2	30.9	A	27.9
30	Hesperian - SB	Hacienda	A St	Unin	0.65	II	2	2	20.7	B
31	Hesperian - SB	A St	SH 92	Hay	2.19	II	2	3	19.9	C
	Hesperian - SB	A St	W. Winton Ave.	Hay	0.96	II	2	3	New Segment	21.1
32	Hesperian - SB	W. Winton Ave.	La Playa	Hay	0.44	II	2	3	New Segment	25.5
33	Hesperian - SB	La Playa	SH 92	Hay	0.79	II	2	3	New Segment	21.0
34	Hesperian - SB	SH 92 - WB	Tennyson	Hay	0.47	I	2	3	New Segment	15.6
35	Mowry - EB	I-880	Farwell	Fire	0.34	II	3	2	15.3	D
36	Mowry - EB	Farwell	SH 84	Fire	2.63	II	3	2	28.8	B
37	Mowry - WB	SH 84	Farwell	Fire	2.63	II	3	2	23.6	C
38	Mowry - WB	Farwell	I-880	Fire	0.34	II	3	2	27.9	B

2008 LOS Monitoring Study Results - Arterials for AM Peak Period

#	CMP Route	Segment Limits	From	To	Jurisdiction	Length (miles)	Arterial Class	Plan Area	No of Lanes	2006 LOS Results	2008 LOS Results	LOS Speed
39	Park/23rd - EB	Encinal	Santa Clara	Ala	0.23	III	1	2	12.7	D	15.4	C
40	Park/23rd - EB	Santa Clara	Kennedy	Ala	0.66	II	1	2	9.6	D	15.5	C
41	Park/23rd - EB	Kennedy	E 11th	Ala - Oak	0.49	II	1	2	14.2	D	17.8	D
42	Park/23rd - WB	E 11th	Kennedy	Ala - Oak	0.45	II	1	2	28.1	B	31.9	A
43	Park/23rd - WB	Kennedy	Santa Clara	Ala	0.66	III	1	2	15.4	C	16.6	C
44	Park/23rd - WB	Santa Clara	Encinal	Ala	0.23	III	1	2	11.6	D	12.0	D
45	MLK Jr Way - NB	SH 24	Adeline	Oak	0.90	II	1	2	20.1	C	21.4	C
46	Adeline - NB	MLK Jr - South	MLK Jr - North	Berk	0.30	II	1	2	17.6	D	15.1	D
47	Adeline - NB	MLK Jr - North	Shattuck	Berk	0.63	II	1	2	17.5	D	29.4	B
48	Shattuck NB	Shattuck	Dwight	Berk	0.32	II	1	2	18.9	C	17.1	D
49	Shattuck NB	Dwight	University	Berk	0.63	III	1	2	16.3	C	20.5	B
50	Shattuck SB	University	Dwight	Berk	0.63	III	1	2	13.3	C	16.2	C
51	Shattuck SB	Dwight	Shattuck	Berk	0.32	II	1	2	22.2	C	29.5	B
52	Adeline - SB	Shattuck	MLK Jr - North	Berk	0.63	II	1	2	15.1	D	17.9	D
53	Adeline - SB	MLK Jr - North	MLK Jr - South	Berk	0.30	II	1	2	20.4	C	13.8	E
54	MLK Jr Way - SB	Adeline	SH 24	Oak	0.88	II	1	2	21.1	C	17.1	D
55	Tennyson - EB	Hesperian	I-880	Hay	0.88	-	1	2	-	-	-	-
56	Tennyson - EB	I-880 NB	Rt 238	Hay	1.55	II	2	2	21.2	D	21.7	D
57	Tennyson - WB	Rt 238	I-880	Hay	1.63	II	2	2	20.4	C	21.7	C
58	Tennyson - WB	I-880	Hesperian	Hay	0.85	-	1	2	22.1	C	19.2	C
59	University - EB	I-80 SB	6th	Berk	0.40	II	1	2	27.2	B	20.7	C
60	University - EB	6th	San Pablo	Berk	0.31	II	1	2	21.3	C	17.3	D
61	University - EB	San Pablo	Sacramento	Berk	0.56	II	1	2	16.0	D	19.1	C
62	University - EB	Sacramento	Ml. King	Berk	0.48	II	1	2	19.6	C	20.5	C
63	University - EB	Ml. King	Shattuck Pl	Berk	0.30	III	1	2	17.0	C	15.6	C
64	University - WB	Ml. King	Shattuck Pl	Berk	0.30	III	1	2	16.4	C	26.1	A
65	University - WB	Ml. King	Sacramento	Berk	0.48	II	1	2	18.0	C	20.9	C
66	University - WB	Sacramento	San Pablo	Berk	0.56	II	1	2	17.4	D	18.8	C
67	University - WB	San Pablo	6th	Berk	0.31	II	1	2	21.0	C	20.0	C
68	University - WB	6th	I-80 SB	Berk	0.40	II	1	2	33.7	A	41.7	A
69	SR 13 Ashby - WB	Hillier	Domingo	Oak - Berk	0.79	II	1	2	15.9	D	18.5	C
70	SR 13 Ashby - WB	Domingo	College	Berk	0.50	III	1	1	11.2	D	18.8	C
71	SR 13 Ashby - WB	College	Telegraph	Berk	0.38	III	1	1	7.2	E	13.8	C
72	SR 13 Ashby - WB	Telegraph	Shattuck	Berk	0.38	III	1	1	22.6	B	17.4	C
73	SR 13 Ashby - WB	Shattuck	Ml. King	Berk	0.24	III	1	1	11.6	D	11.8	D
74	SR 13 Ashby - WB	Ml. King	San Pablo	Berk	0.87	III	1	1	21.2	B	16.5	C
75	SR 13 Ashby - WB	I-80 Ramps	San Pablo	Berk	0.64	II	1	2	16.9	D	17.2	D
76	SR 13 Ashby - EB	I-80	San Pablo	Berk	0.61	II	1	2	22.9	C	18.2	C
77	SR 13 Ashby - EB	San Pablo	Ml. King	Berk	0.87	III	1	1	20.1	B	19.5	B
78	SR 13 Ashby - EB	Ml. King	Shattuck	Berk	0.24	III	1	1	10.0	D	10.7	D
79	SR 13 Ashby - EB	Shattuck	Telegraph	Berk	0.38	III	1	1	15.9	C	16.4	C

2008 LOS Monitoring Study Results - Arterials for AM Peak Period											
#	CMP Route	From	To	Jurisdiction	Length (miles)	Arterial Class	Area	No. of Lanes	Speed	2006 LOS Results	2008 LOS Results
80	SR 13 Ashby - EB	Telegraph	College	Berk	0.38	III	1	1	25.1	A	16.8
81	SR 13 Ashby - EB	College	Domingo	Berk	0.50	III	1	1	19.9	B	21.5
82	SR 13 Ashby - EB	Domingo	Hiller	Berk - Oak	0.79	II	1	2	28.6	B	30.0
83	SR 61 - SB	Atlantic	Cent/Webster	Ala	0.55	III	1	2	15.6	C	16.4
84	SR 61 - SB	Cent/Webster	Sher/Encino	Ala	0.73	II	1	2	20.5	C	22.5
85	SR 61 - SB	Sher/Encino	Park	Ala	1.22	II	1	1	21.7	C	20.7
86	SR 61 - SB	Park	High/Otis	Ala	1.06	II	1	1	22.3	C	24.2
87	SR 61 (Doolittle) - SB	High	Island Dr	Ala	0.41	II	1	2	20.0	C	13.6
88	SR 61 (Doolittle) - SB	Island Dr	Harbor Bay	Ala	0.50	I	1	2	39.0	A	36.2
89	SR 61 - SB	Harbor Bay	Airport Dr	Oak	2.15	I	1	1	41.8	A	48.2
90	SR 61 (Doolittle) - SB	Airport	Davis	Oak - SL	0.95	I	1	2	26.7	C	28.3
91	SR 61 (Doolittle) - NB	Davis	Airport	SL - Oak	0.95	I	2	2	33.9	B	23.5
92	SR 61 - NB	Airport Dr	Harbor Bay	Ala	2.15	I	1	1	42.7	A	52.3
93	SR 61 (Doolittle) - NB	Harbor Bay	Island Dr	Ala	0.50	I	1	2	32.9	B	29.7
94	SR 61 (Doolittle) - NB	Island Dr	High/Otis	Ala	0.41	II	1	2	15.0	D	16.9
95	SR 61 - NB	High/Otis	Park	Ala	1.06	II	1	1	19.3	C	23.1
96	SR 61 - NB	Park/Central	Sher/Cent	Ala	1.22	II	1	1	21.7	C	18.5
97	SR 61 - NB	Sher/Cent	Web/Cent	Ala	0.73	II	1	2	20.0	C	22.5
98	SR 61 - NB	Web/Cent	Atlantic	Ala	0.55	III	1	2	12.9	D	14.2
99	SR 77 (42nd) - EB	E 14th	E 14th	Oak	0.32	I	1	1	22.0	C	33.5
100	SR 77 (42nd) - WB	E 14 th	I-880 NB	Oak	0.30	I	1	2	18.1	D	37.1
101	Decoto - WB	SH 238/Mission	Union Square	UC	0.85	II	3	2	20.5	C	22.2
102	Decoto - WB	Union Square	Alv-Niles Rd	UC	0.25	II	3	2	7.4	•(F) •	16.6
103	Decoto - WB	Alv-Niles Rd	Fremont CL	UC	0.66	II	3	2	14.6	D	20.4
104	Decoto - WB	Fremont CL	I-880 NB (off)	Fre	1.15	II	3	2	16.1	D	13.6
105	Decoto - EB	I-880 NB (off)	Union City CL	Fre	1.15	II	3	2	29.1	B	26.7
106	Decoto - EB	Union City CL	Alv-Niles Rd	UC	0.66	II	3	2	15.9	D	13.0
107	Decoto - EB	Alv-Niles Rd	Union Square	UC	0.25	II	3	2	19.2	C	22.1
108	Decoto - EB	Union Square	SH 238/Mission	UC	0.85	II	3	2	22.6	C	19.9
109	SR 84/Mowry (Fre)-WB	SH 238	Peralta	Fre	0.90	I	3	2	21.9	D	30.3
110	SR 84/Peralta (Fre)-WB	Mowry	Fremont	Fre	1.73	I	3	30.3	B	26.9	
111	SR 84/Fremont(Fre)-WB	Peralta	Thomton	Fre	0.33	II	3	13.2	E	10.6	
112	SR 84/Thomton(Fre)-WB	Fremont	I-880 SB	Fre	1.34	II	3	27.1	B	22.1	
113	SR 84/Thomton (Fre)-EB	I-880 SB	Fremont	Fre	1.34	II	3	4	23.3	C	26.9
114	SR 84/Fremont (Fre)-EB	Thomton	Peralta	Fre	0.33	II	3	4	9.7	•(F) •	14.7
115	SR 84/Peralta (Fre)- EB	Fremont	Mowry	Fre	1.73	I	3	2	27.4	D	25.0
116	SR 84/Mowry (Fre) - EB	Peralta	SH 238	Fre	0.90	I	3	4(2)	27.2	C	25.5

2008 LOS Monitoring Study Results : Arterials for AM Peak Period										
#	CMP Route	Segment Limits	From	To	Jurisdiction	Length (miles)	Aerial Class	Plan Area	No of Lanes	2008 LOS Results
									Speed	LOS
117	1st Street - SB	I-580 Off	N Mines	Liv	0.61	1			22.0	C
118	1st Street - SB	N Mines	Inman	Liv	1.05	1			36.5	A
119	1st Street - NB	Inman	N Mines	Liv	1.05	1			24.9	C
120	1st Street - NB	N Mines	I-580 Off	Liv	0.61	1			25.6	C
	SR 84 - EB	SR 238	Ple-Sunol Rd	Fre	6.63	R2-FFS 41.7	3	2	30.6	C
121	SR 84 - EB	SR 238/Mission	Union City Limit	Fre	1.30	R2-FFS 41.7	3	2	New Segment	38.5
122	SR 84 - EB	Union City Limit	Palamoras	Fre	0.90	R2-FFS 41.7	3	2	New Segment	39.5
123	SR 84 - EB	Palamoras	Niles Canyon Quarry	Fre	2.22	R2-FFS 41.7	3	2	New Segment	40.5
124	SR 84 - EB	Niles Canyon Quarry	Sunol Rd	Fre	1.71	R2-FFS 41.7	3	2	New Segment	42.2
125	SR 84 - EB	Sunol Rd	Plea-Sunol Rd	Fre	0.50	R2-FFS 41.7	3	2	New Segment	5.5
	SR 84 - EB	Ple-Sunol Rd	Vallecitos Ent.	Unin	2.96	R2-FFS 49.7	3	2	•(F) •	
126	SR 84 - EB	SR 84 (Off)/I-680	Unin	Unin	1.23				B	
127	SR 84 - EB	SR 84 (Off)/I-680	Vallecitos Ent.	Unin					New Segment	C
426	SR 84 - EB	Vallecitos Ent.	Call-Bex	Unin	2.05	R2-FFS 54.2	3	2	New Segment	54.2
420	SR 84 - EB	Call-Bex	Isabel	Unin	4.67	R2-FFS 42.8	3	2	Combined to create #128	
128	SR 84 - EB	Vallecitos Ent.	Vallecitos/I-Sabel	Unin	3.72	R2-FFS 49.1	3	2	44.0	C
129	SR 84 (Liv) - NB	Vallecitos/I-Sabel	Vineyard	Liv	1.15	1	4		32.8	B
130	SR 84 (Liv) - NB	Vineyard	Stanley	Liv	1.53	1	4		46.5	A
131	SR 84 (Liv) - NB	Stanley	Airway/Kitty Hawk	Liv	1.55	1	4		35.5	A
132	SR 84 (Liv) - NB	Airway/Kitty	I-580	Liv	1.06	1	4		18.9	D
133	SR 84 (Liv) - SB	I-580	Airway/Kitty Hawk	Liv	1.06	1	4		29.1	B
134	SR 84 (Liv) - SB	Airway/Kitty	Stanley	Liv	1.55	1	4		37.6	A
135	SR 84 (Liv) - SB	Stanley	Vineyard	Liv	1.53	1	4		42.3	A
136	SR 84 (Liv) - SB	Vineyard	Isabel/Vallecitos	Liv	1.15	1	4		35.5	A
429	SR 84 - WB	Isabel	Call-Bex	Unin	4.67	R2-FFS 44.6	3	2	•(F) •	D
430	SR 84 - WB	Call-Bex	Vallecitos Ent.	Unin	2.34	R2-FFS 52.9	3	2	Combined to create #137	
137	SR 84 - WB	Vallecitos Ent.	Vallecitos Ent.	Unin	3.72	R2-FFS 48.2	3	2	35.2	C
138	SR 84 - WB	Vallecitos Ent.	Ple-Sunol Rd	Unin	2.62	R2-FFS 52.1	3	2	40.9	C
139	SR 84 - WB	Ple-Sunol Rd	SR 238	Fre	6.63	R2-FFS 43.0	3	2	41.4	A
140	SR 84 - WB	Ple-Sunol Rd	Sunol Rd	Fre	0.52	R2-FFS 43.0			New Segment	36.3
	SR 84 - WB	Sunol Rd	Niles Canyon Qua	Fre	1.78	R2-FFS 43.0			New Segment	48.3
141	SR 84 - WB	Niles Canyon Quarry	Fremont City Limit	Fre	0.92	R2-FFS 43.0			New Segment	43.4
142	SR 84 - WB	Fremont City Limit	Union City Limit	Fre	1.57	R2-FFS 43.0			New Segment	28.8
143	SR 84 - WB	Union City Limit	SR 238	Fre	1.84	R2-FFS 43.0			New Segment	38.5
144	SR 92 - EB	SR 238	Mission	Hay	1.59	II	2	3	20.7	C
145	SR 92 - WB	Mission	I-880	Hay	1.59	II	2	3	16.0	D
									11.2	E

2008 LOS Monitoring Study Results - Arterials for AM Peak Period

#	CMP Route	Segment Limits	From	To	Jurisdiction	Length (miles)	Aerial Class	Area	No of Lanes	2006 LOS Results	2008 LOS Results
									Speed	Speed	LOS
146	SR 112 (Davis) - EB	Doolittle	I-880	SL	0.51	II	2	19.6	C	26.2	B
147	SR 112 (Davis) - EB	I-880	San Leandro	SL	1.01	II	2	23.1	C	23.6	C
148	SR 112 (Davis) - EB	San Leandro	14th	SL	0.28	III	2	12.9	D	13.9	C
149	SR 112 (Davis) - WB	E 14th	San Leandro	SL	0.28	III	2	14.6	C	14.3	C
150	SR 112 (Davis) - WB	San Leandro	I-880	SL	1.00	II	2	17.4	D	27.7	B
151	SR 112 (Davis) - WB	Doolittle	SL	0.51	II	2	13.6	E		20.2	C
152	SR 123 San Pablo - SB	Carlson	Washington	Alb	0.53	II	2	24.6	B	26.7	C
153	SR 123 San Pablo - SB	Washington	Marin	Alb	0.44	III	1	14.1	C	17.5	C
154	SR 123 San Pablo - SB	Marin	Gilman	Alb - Berk	0.47	II	1	17.8	D	26.8	B
155	SR 123 San Pablo - SB	Gilman	University	Berk	0.86	II	1	17.1	D	22.4	C
156	SR 123 San Pablo - SB	University	Allston	Berk	0.20	III	1	19.7	B	25.9	A
157	SR 123 San Pablo - SB	Allston	Ashby	Berk	1.08	II	1	22.0	C		
158	SR 123 San Pablo - SB	Allston	Dwight	Berk	0.4	II			New Segment	21.7	C
159	SR 123 San Pablo - SB	Ashby	Ashby	Berk	0.68	II			New Segment	26.2	B
160	SR 123 San Pablo - SB	Stanford	Stanford	Berk	0.81	II	1	21.9	C	19.5	C
161	SR 123 San Pablo - SB	53rd	Oak	Oak	0.27	II	1	19.6	C	23.1	C
162	SR 123 San Pablo - SB	Park	Park	Emer	0.34	II	1	19.0	C	20.6	C
163	SR 123 San Pablo - NB	35th	Park	Emer - Oak	0.45	II	1	17.2	D	19.3	C
164	SR 123 San Pablo - NB	Park	Park	Oak - Emer	0.45	II	1	16.3	D	17.5	D
165	SR 123 San Pablo - NB	53rd	Stanford	Oak	0.27	II	1	27.5	B	26.6	B
166	SR 123 San Pablo - NB	Stanford	Ashby	Oak	0.81	II	1	13.2	E	21.3	C
167	SR 123 San Pablo - NB	Ashby	Allston	Berk	1.08	II	1	19.6	C	20.6	C
168	SR 123 San Pablo - NB	Ashby	Dwight	Berk	0.68	II			New Segment	23.4	A
169	SR 123 San Pablo - NB	Dwight	Allston	Berk	0.4	II			New Segment	29.3	B
170	SR 123 San Pablo - NB	Allston	University	Berk	0.20	III	1	2	D	10.5	D
171	SR 123 San Pablo - NB	University	Gilman	Berk	0.86	II	1	22.1	C	21.7	C
172	SR 123 San Pablo - NB	Gilman	Marin	Alb - Berk	0.47	II	1	25.6	B	26.1	B
173	SR 123 San Pablo - NB	Marin	Washington	Alb	0.45	III	1	2	B	20.1	B
			Carlson	Carlson	0.53	II	1	2	A	25.0	B
			Seminary	Oak	1.05	II	1	21.0	C		
174	SR 185 (14th) - SB	42nd	46th St	Oak	0.26	II			New Segment	18.1	C
175	SR 185 (14th) - SB	42nd	Seminary	Oak	0.79	II			New Segment	25.4	B
176	SR 185 (14th) - SB	Seminary	73rd	Oak	0.80	II	1	2	D	15.5	D
177	SR 185 (14th) - SB	73rd Ave	98th Ave	Oak	1.39	II	1	22.7	C	23.7	C
178	SR 185 (14th) - SB	98th	Broadmoor	Oak	0.74	II	1	22.0	C	28.7	B
179	SR 185 (14th) - SB	Broadmoor	Davis	SL	0.73	II	2	19.7	C	23.9	C
180	SR 185 (14th) - SB	Davis	San Leandro	SL	1.04	II	2	19.9	B	22.0	B
181	SR 185 (14th) - SB	San L Blvd	Hesperian	SL	0.94	II	2	24.5	B	23.7	C
182	SR 185 (14th) - SB	Hesperian	Bayfair	SL	0.46	II	2	20.0	C	26.6	B
183	SR 185 (14th) - SB	Bayfair	170th	Unin	1.24	II	3	24.0	B	28.9	C
184	SR 185 (14th) - SB	170th	Llewelling	Unin	0.21	II	3	23.3	C	21.5	C
185	SR 185 (14th) - SB	Llewelling	Sunset	Unin	1.02	II	3	20.9	C	22.2	C

2008 LOS Monitoring Study Results - Arterials for AM Peak Period										
#	CMP Route	Segment Limits	To	Jurisdiction	Length (miles)	A arterial Class	Area	No of LOS	2006 LOS Results	2008 LOS Results
								Speed	Speed	LOS
186	SR 185 Hayward - SB	Sunset	SR 92/238	Hay	0.84	III	2	15.4	C	18.3
187	SR 185 Hayward - NB	SR 92/238	Sunset	Hay	0.84	III	2	18.1	C	21.1
188	SR 185 (14th) - NB	Sunset	Liewelling	Unin	1.11	II	3	26.7	B	23.9
189	SR 185 (14th) - NB	Liewelling	170th	Unin	0.21	II	3	22.5	C	28.3
190	SR 185 (14th) - NB	170th	Bayfair	Unin	1.24	II	3	20.4	C	25.3
191	SR 185 (14th) - NB	Bayfair	Hesperian	SL	0.47	II	2	16.3	D	26.3
192	SR 185 (14th) - NB	Hesperian	San L Blvd	SL	0.94	II	2	20.9	C	27.3
193	SR 185 (14th) - NB	San Leandro	Davis	SL	1.02	III	2	19.5	B	20.0
194	SR 185 (14th) - NB	Davis	Broadmoor	SL	0.72	II	2	22.3	C	24.4
195	SR 185 (14th) - NB	Broadmoor	98th	Oak	0.74	II	1	18.7	C	20.7
196	SR 185 (14th) - NB	98th Ave	73rd Ave	Oak	1.37	II	1	19.2	C	18.8
197	SR 185 (14th) - NB	73rd Ave	Seminary	Oak	0.60	II	1	14.3	D	15.3
198	SR 185 (14th) - NB	Seminary	42nd	Oak	1.05	II	1	18.9	C	—
199	SR 185 (14th) - NB	Seminary	46th St	Oak	0.79	II	—	New Segment	30.2	A
		46th St	42nd	Oak	0.26	II	—	New Segment	10.9	E
200	SR 238 (Foothill) - NB	Jackson	City Center	Hay	0.62	III	2	13.8	C	13.7
201	SR 238 (Foothill) - NB	City Center	I-580	Unin-Hay	0.73	II	3	18.1	C	30.0
202	SR 238 (Foothill) - NB	I-580 Ramp	I-580 Merge	Unin	0.71	—	3	37.2	A	48.6
203	SR 238 (Foothill) - SB	I-580	Cstro V Blvd	Unin	0.86	—	3	45.3	A	42.7
204	SR 238 (Foothill) - SB	Cstro V Blvd	City Center	Hay-Unin	1.03	II	2	29.7	B	27.6
205	SR 238 (Foothill) - SB	City Center	Jackson	Hay	0.62	III	2	13.3	C	13.3
206	SR 238 (Mission) - NB	680 NB Rmp	Stevenson	Fire	2.46	—	3	34.1	B	35.1
207	SR 238 (Mission) - NB	Stevenson	Nursery	Fire	2.57	—	3	29.8	B	31.1
208	SR 238 (Mission) - NB	Nursery	Tamarack	UC	2.10	—	3	27.9	C	29.0
209	SR 238 (Mission) - NB	Tamarack	Industrial	UC - Hay	1.96	—	3	29.9	B	31.1
210	SR 238 (Mission) - NB	Industrial	Sorenson	Hay	1.47	II	2	19.0	C	24.7
211	SR 238 (Mission) - NB	Sorenson	Jackson	Hay	1.83	II	2	20.3	C	23.5
212	SR 238 (Mission) - SB	Jackson	Sorenson	Hay	1.83	II	2	28.1	B	17.1
213	SR 238 (Mission) - SB	Sorenson	Industrial	Hay	1.47	II	2	23.5	C	23.6
214	SR 238 (Mission) - SB	Industrial	Tamarack	Hay - UC	1.96	—	2	35.4	A	31.3
215	SR 238 (Mission) - SB	Tamarack	Nursery	UC	2.07	—	3	25.4	C	25.6
216	SR 238 (Mission) - SB	Nursery	Stevenson	Fire	2.57	—	3	28.1	B	31.2
217	SR 238 (Mission) - SB	Stevenson	680 NB Rmp	Fire	2.46	—	3	25.3	C	25.8
218	SR 260 (Tubes) - NB	7th/Web	Atlantic	Oak	1.31	—	1	35.6	A	23.1
219	SR 260 (Tubes) - SB	7th/Web	Atlantic	Oak	1.31	—	2	40.3	A	13.9
220	SR 262 (Mission) - EB	I-680 NB	Fire	1.33	—	3	2	15.6	E	27.8
221	SR 262 (Mission) - WB	I-680 NB	Fire	1.11	—	3	2	11.4	•(F)•	11.0

Note - New Segments were adopted in the 2007 CMP by splitting longer CMP segments into short segments.
* - New CMP Segments added in 2007 the CMP since they met the Principal Arterial criteria for inclusion.

#	CIMP Route	2008 LOS Monitoring Study Results- Ramps and Special Segments for AM Peak Period									
		Segment Limits		Jurisdiction	Plan Area	Length (miles)	No of Lanes	Free Flow Speed		2006 LOS Results	
		From:	To:					Speed	LOS	Speed	LOS
1	I-80/I-580 Interchange	I-80 SB	I-580 EB	Oak	1	0.30	1	38.0	35.3	A	47.7
2	I-80/I-580 Interchange	I-580 WB	I-80 NB	Oak	1	0.41	1	40.0	37.1	A	33.2
3	SR 24 WB/I-580 WB	SR 24 ON	I-580 OFF	Oak	1	0.69	2	Weaving	14.2	n/a	41.4
4	I-580/SR 24 Interchange	I-580 WB	SR 24 EB	Oak	1	0.51	2	45.0	45.1	A	38.9
5	I-580/SR 24 Interchange	SR 24 WB	I-580 EB	Oak	1	0.74	2	51.0	53.3	A	45.8
6	SR13/SR 24 Interchange**	SR 13 NB	SR 24 EB	Oak	1	0.32	1	40.0	5.3	•(F)•	6.2
7	SR13/SR 24 Interchange**	SR 24 WB	SR 13 SB	Oak	1	0.16	1	31.0	33.9	A	33.2
8	I-880/I-238 Interchange	I-880 SB	I-238 EB	SL	2	0.74	2	47.0	48.4	A	54.2
9	I-880/I-238 Interchange	I-238 WB	I-880 NB	SL	2	0.54	1	54.0	35.9	D	58.3
10	I-880/I-238 Interchange**	I-880 NB	I-238 EB	SL	2	0.42	1	32.0	43.6	A	34.9
11	I-880/I-238 Interchange**	I-238 WB	I-880 SB	SL	2	0.76	1	53.0	59.3	A	33.3
12	I-580/I-238 Interchange	I-580 SB	I-238 EB	Hay	2	0.35	1	37.0	21.9	E	21.9
13	I-580/I-238 Interchange	I-238 WB	I-580 NB	Hay	2	0.32	1	38.0	38.6	A	37.1
14	I-580/I-680 Interchange	I-580 EB	I-680 NB	Pleas	4	0.46	1	35.0	25.9	C	24.2
15	I-580/I-680 Interchange**	I-580 EB	I-680 SB	Pleas	4	0.28	1	42.0	25.7	D	24.1
16	I-580/I-680 Interchange**	I-680 NB	I-580 EB	Pleas	4	0.90	2	63.8	61.9	A	58.9
17	I-580/I-680 Interchange	I-680 NB	I-580 WB	Pleas	4	0.66	1	41.0	46.7	A	42.2
18	I-580/I-680 Interchange**	I-580 WB	I-680 NB	Pleas	4	0.41	1	51.5	43.2	B	43.8
19	I-580/I-680 Interchange	I-580 WB	I-680 SB	Pleas	4	0.66	1	39.0	28.2	C	28.4
20	I-580/I-680 Interchange	I-680 SB	I-580 EB	Pleas	4	1.23	2	68.1	62.2	A	59.2
21	I-580/I-680 Interchange**	I-680 SB	I-580 WB	Pleas	4	0.43	1	58.4	56.0	A	44.9
22	I-880/SR 260 Connection**	I-880 SB	SR 260 WB	Oak	1	0.99	1	32.0	22.5	C	Unqualified data
23	I-880/SR 260 Connection**	SR 260 EB	I-880 NB	Oak	1	0.36	1	35.0	10.5	•(F)•	12.6